

With a high degree of mechanical and electrical stability, **Bulgin's M12 connectors** provide a **cost effective** and **flexible connectivity solution** for onsite installations, helping to **decrease downtime** in process control, manufacturing automation and industrial instrumentation applications.



## Key features:

- Reliable industry standard (EN 61076-2-101) screw locking mechanism
- IP67 degree of protection
- A, B, D, L, S & T Coded versions
- Field installable, cable and panel mount options
- Plastic and metal options variants
- Straight and right angled forms
- Overmolded PVC, PUR or PNP (ASK MARK) cable connectors
- Pole variants from 3 – 17

**Full Contact Diagrams Page 159**

M12 connectors are established as one of the most reliable and efficient connection standards for Industrial Machinery and Factory Automation applications. With a small footprint, extremely low failure rate and high performance capabilities, this range is ideal not only for sensor connections but also for a variety of fieldbus systems.

These M12 Series circular connectors are rugged, easy to use and extremely reliable solutions for sensor/actuator connectivity in industrial automation and control applications. With an IP67 rating, they are also extremely effective in harsh environments outside of industrial automation applications where compact and dependable connections with environmental protection are required.

Bulgin's field attachable M12 connectors feature a robust aluminium coupling nut, making them a lightweight and durable alternative to the more common nickel-plated M12 nut variants and an ideal plug and play solution for upgrading sensor systems with M12 connectivity.



Bulgin's M12 Series connectors are available in a variety of industry standard keying/coding options to further minimize wiring errors and serve a large variety of customer needs.

## M12 Series coding options:



A-Coding



B-Coding



D-Coding



T-Coding



S-Coding



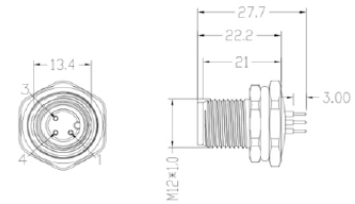
L-Coding

M12 Rear Panel Mounting Male



PXMBNI12RPM

- 3, 4, 5, 8 and 12 poles
- PCB termination
- Different panel mounting options available
- Mates with Flex Body connectors



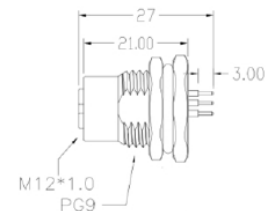
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPM03APCPG9	03	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM04APCPG9	04	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM05APCPG9	05	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM08APCPG9	08	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM12APCPG9	12	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM05BPCPG9	05	B	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM04DPCPG9	04	D	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPM03APCM16	03	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM04APCM16	04	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM05APCM16	05	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM08APCM16	08	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM12APCM16	12	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM05BPCM16	05	B	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM04DPCM16	04	D	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPM03APCM12	03	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM04APCM12	04	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM05APCM12	05	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM08APCM12	08	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM12APCM12	12	A	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM05BPCM12	05	B	PCB Terminal	M12 Mounting / Gland Nut Thread
PXMBNI12RPM04DPCM12	04	D	PCB Terminal	M12 Mounting / Gland Nut Thread

M12 Rear Panel Mounting Female



PXMBNI12RPF

- 3, 4, 5, 8 and 12 poles
- PCB termination
- Different panel mounting options available
- Mates with Flex Inline Body connectors



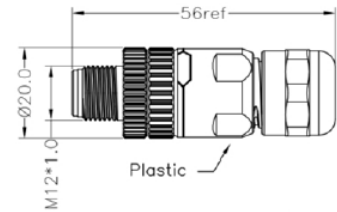
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPF03APCPG9	03	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF04APCPG9	04	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF05APCPG9	05	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF08APCPG9	08	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF12APCPG9	12	A	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF05BPCPG9	05	B	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF04DPCPG9	04	D	PCB Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12RPF03APCM16	03	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF04APCM16	04	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF05APCM16	05	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF08APCM16	08	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF12APCM16	12	A	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF05BPCM16	05	B	PCB Terminal	M16 Mounting / Gland Nut Thread
PXMBNI12RPF04DPCM16	04	D	PCB Terminal	M16 Mounting / Gland Nut Thread

M12 Flex Inline Body Male



PXPPAM12FIM

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Inline Body
- Mates with Flex body and panel mount connectors



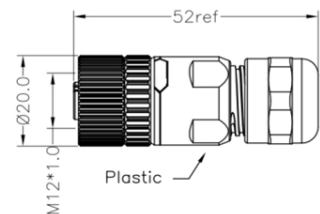
Part Number	Poles	Code	Termination
PXPPAM12FIM03ASTPG9	03	A	Screw Terminal
PXPPAM12FIM04ASTPG9	04	A	Screw Terminal
PXPPAM12FIM05ASTPG9	05	A	Screw Terminal
PXPPAM12FIM08ASTPG9	08	A	Screw Terminal

M12 Flex Body Female



PXPPAM12FBF

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Body
- Mates with Flex Inline Body and panel mount connectors



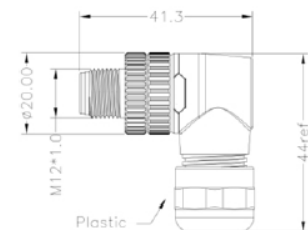
Part Number	Poles	Code	Termination
PXPPAM12FBF03ASTPG9	03	A	Screw Terminal
PXPPAM12FBF04ASTPG9	04	A	Screw Terminal
PXPPAM12FBF05ASTPG9	05	A	Screw Terminal
PXPPAM12FBF08ASTPG9	08	A	Screw Terminal

M12 Right Angled Male



PXPPAM12RAM

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Inline Body
- Mates with Flex Body and panel mount connectors



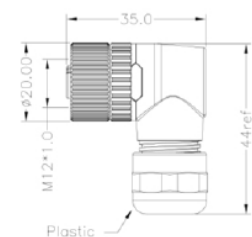
Part Number	Poles	Code	Termination
PXPPAM12RAM03ASTPG9	03	A	Screw Terminal
PXPPAM12RAM04ASTPG9	04	A	Screw Terminal
PXPPAM12RAM05ASTPG9	05	A	Screw Terminal
PXPPAM12RAM08ASTPG9	08	A	Screw Terminal

M12 Right Angled Female



PXPPAM12RAF

- 3, 4, 5 and 8 poles
- Screw termination
- Plastic Flex Body
- Mates with Flex Inline Body and panel mount connectors



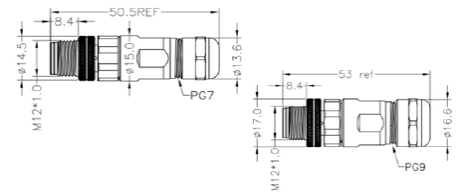
Part Number	Poles	Code	Termination
PXPPAM12RAF03ASTPG9	03	A	Screw Terminal
PXPPAM12RAF04ASTPG9	04	A	Screw Terminal
PXPPAM12RAF05ASTPG9	05	A	Screw Terminal
PXPPAM12RAF08ASTPG9	08	A	Screw Terminal

Nickel Plating M12 Flex Inline Body Male



PXMBNI12FIM

- 3, 4, 5, 8 and 12 poles
- Solder termination
- Metal Flex Inline Body
- Mates with Flex body and panel mount connectors



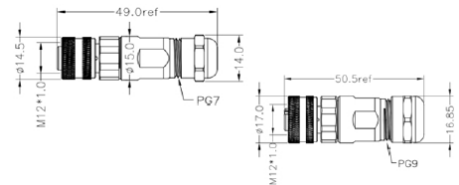
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12FIM03ASCPG7	03	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM04ASCPG7	04	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM05ASCPG7	05	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM08ASCPG7	08	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM12ASCPG7	12	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM05BSCPG7	05	B	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM04DSCPG7	04	D	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FIM03ASCPG9	03	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM04ASCPG9	04	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM05ASCPG9	05	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM08ASCPG9	08	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM12ASCPG9	12	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM05BSCPG9	05	B	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FIM04DSCPG9	04	D	Solder Terminal	PG9 Mounting / Gland Nut Thread

Nickel Plating M12 Flex Body Female



PXMBNI12FBF

- 3, 4, 5, 8 and 12 poles
- Solder termination
- Metal Flex Body
- Mates with Flex Inline Body and panel mount connectors



Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12FBF03ASCPG7	03	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF04ASCPG7	04	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF05ASCPG7	05	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF08ASCPG7	08	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF12ASCPG7	12	A	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF05BSCPG7	05	B	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF04DSCPG7	04	D	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF04TSCPG7	04	T	Solder Terminal	PG7 Mounting / Gland Nut Thread
PXMBNI12FBF03ASCPG9	03	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF04ASCPG9	04	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF05ASCPG9	05	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF08ASCPG9	08	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF12ASCPG9	12	A	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF05BSCPG9	05	B	Solder Terminal	PG9 Mounting / Gland Nut Thread
PXMBNI12FBF04DSCPG9	04	D	Solder Terminal	PG9 Mounting / Gland Nut Thread

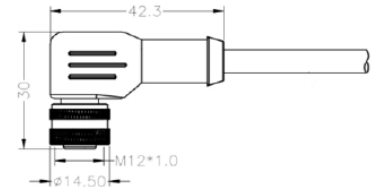


M12 Right Angled Female



PXPTPU12RAF  
PXPPVC12RAF

- 3, 4, 5, 8 and 12 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC12RAF03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU12RAF03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC12RAF03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU12RAF03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC12RAF03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU12RAF03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC12RAF03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU12RAF03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC12RAF03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU12RAF03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC12RAF03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU12RAF03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC12RAF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU12RAF04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPNP12RAF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPPVC12RAF04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU12RAF04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC12RAF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU12RAF04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPNP12RAF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPPVC12RAF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU12RAF04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPNP12RAF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPPVC12RAF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU12RAF04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPNP12RAF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPPVC12RAF04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU12RAF04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC12RAF05ACL010PVC	05	A	Overmold Cable	1m	PVC
PXPTPU12RAF05ACL010PUR	05	A	Overmold Cable	1m	PUR
PXPPVC12RAF05ACL020PVC	05	A	Overmold Cable	2m	PVC
PXPTPU12RAF05ACL020PUR	05	A	Overmold Cable	2m	PUR
PXPPVC12RAF05ACL030PVC	05	A	Overmold Cable	3m	PVC
PXPTPU12RAF05ACL030PUR	05	A	Overmold Cable	3m	PUR
PXPPVC12RAF05ACL050PVC	05	A	Overmold Cable	5m	PVC
PXPTPU12RAF05ACL050PUR	05	A	Overmold Cable	5m	PUR
PXPPVC12RAF05ACL100PVC	05	A	Overmold Cable	10m	PVC
PXPTPU12RAF05ACL100PUR	05	A	Overmold Cable	10m	PUR
PXPPVC12RAF05ACL150PVC	05	A	Overmold Cable	15m	PVC
PXPTPU12RAF05ACL150PUR	05	A	Overmold Cable	15m	PUR
PXPPVC12RAF08ACL010PVC	08	A	Overmold Cable	1m	PVC
PXPTPU12RAF08ACL010PUR	08	A	Overmold Cable	1m	PUR
PXPPVC12RAF08ACL020PVC	08	A	Overmold Cable	2m	PVC
PXPTPU12RAF08ACL020PUR	08	A	Overmold Cable	2m	PUR
PXPPVC12RAF08ACL030PVC	08	A	Overmold Cable	3m	PVC
PXPTPU12RAF08ACL030PUR	08	A	Overmold Cable	3m	PUR
PXPPVC12RAF08ACL050PVC	08	A	Overmold Cable	5m	PVC
PXPTPU12RAF08ACL050PUR	08	A	Overmold Cable	5m	PUR
PXPPVC12RAF08ACL100PVC	08	A	Overmold Cable	10m	PVC
PXPTPU12RAF08ACL100PUR	08	A	Overmold Cable	10m	PUR
PXPPVC12RAF08ACL150PVC	08	A	Overmold Cable	15m	PVC
PXPTPU12RAF08ACL150PUR	08	A	Overmold Cable	15m	PUR
PXPPVC12RAF12ACL010PVC	12	A	Overmold Cable	1m	PVC
PXPTPU12RAF12ACL010PUR	12	A	Overmold Cable	1m	PUR
PXPPVC12RAF12ACL020PVC	12	A	Overmold Cable	2m	PVC
PXPTPU12RAF12ACL020PUR	12	A	Overmold Cable	2m	PUR
PXPPVC12RAF12ACL030PVC	12	A	Overmold Cable	3m	PVC
PXPTPU12RAF12ACL030PUR	12	A	Overmold Cable	3m	PUR
PXPPVC12RAF12ACL050PVC	12	A	Overmold Cable	5m	PVC
PXPTPU12RAF12ACL050PUR	12	A	Overmold Cable	5m	PUR
PXPPVC12RAF12ACL100PVC	12	A	Overmold Cable	10m	PVC
PXPTPU12RAF12ACL100PUR	12	A	Overmold Cable	10m	PUR
PXPPVC12RAF12ACL150PVC	12	A	Overmold Cable	15m	PVC
PXPTPU12RAF12ACL150PUR	12	A	Overmold Cable	15m	PUR

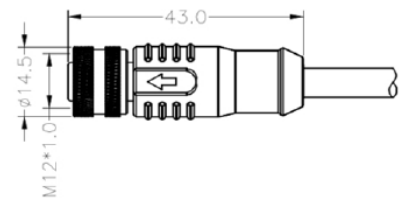
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PXPTPU12RAF05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC12RAF05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU12RAF05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC12RAF05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU12RAF05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC12RAF05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU12RAF05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC12RAF05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU12RAF05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC12RAF05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU12RAF05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPPVC12RAF04DCL010PVC	04	D	Overmold Cable	1m	PVC
PXPTPU12RAF04DCL010PUR	04	D	Overmold Cable	1m	PUR
PXPPVC12RAF04DCL020PVC	04	D	Overmold Cable	2m	PVC
PXPTPU12RAF04DCL020PUR	04	D	Overmold Cable	2m	PUR
PXPPVC12RAF04DCL030PVC	04	D	Overmold Cable	3m	PVC
PXPTPU12RAF04DCL030PUR	04	D	Overmold Cable	3m	PUR
PXPPVC12RAF04DCL050PVC	04	D	Overmold Cable	5m	PVC
PXPTPU12RAF04DCL050PUR	04	D	Overmold Cable	5m	PUR
PXPPVC12RAF04DCL100PVC	04	D	Overmold Cable	10m	PVC
PXPTPU12RAF04DCL100PUR	04	D	Overmold Cable	10m	PUR
PXPPVC12RAF04DCL150PVC	04	D	Overmold Cable	15m	PVC
PXPTPU12RAF04DCL150PUR	04	D	Overmold Cable	15m	PUR

M12 Flex Body Female



PXPTPU12FBF  
PXPPVC12FBF

- 3, 4, 5, 8 and 12 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC12FBF03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU12FBF03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC12FBF03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU12FBF03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC12FBF03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU12FBF03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC12FBF03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU12FBF03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC12FBF03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU12FBF03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC12FBF03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU12FBF03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC12FBF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU12FBF04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPNP12FBF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPPVC12FBF04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU12FBF04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC12FBF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU12FBF04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPNP12FBF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPPVC12FBF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU12FBF04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPNP12FBF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPPVC12FBF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU12FBF04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPNP12FBF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPPVC12FBF04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU12FBF04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC12FBF05ACL010PVC	05	A	Overmold Cable	1m	PVC
PXPTPU12FBF05ACL010PUR	05	A	Overmold Cable	1m	PUR
PXPPVC12FBF05ACL020PVC	05	A	Overmold Cable	2m	PVC
PXPTPU12FBF05ACL020PUR	05	A	Overmold Cable	2m	PUR
PXPPVC12FBF05ACL030PVC	05	A	Overmold Cable	3m	PVC
PXPTPU12FBF05ACL030PUR	05	A	Overmold Cable	3m	PUR
PXPPVC12FBF05ACL050PVC	05	A	Overmold Cable	5m	PVC
PXPTPU12FBF05ACL050PUR	05	A	Overmold Cable	5m	PUR
PXPPVC12FBF05ACL100PVC	05	A	Overmold Cable	10m	PVC
PXPTPU12FBF05ACL100PUR	05	A	Overmold Cable	10m	PUR
PXPPVC12FBF05ACL150PVC	05	A	Overmold Cable	15m	PVC
PXPTPU12FBF05ACL150PUR	05	A	Overmold Cable	15m	PUR

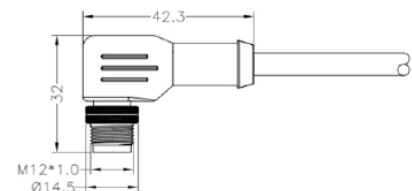
PXPPVC12FBF08ACL010PVC	08	A	Overmold Cable	1m	PVC
PXPTPU12FBF08ACL010PUR	08	A	Overmold Cable	1m	PUR
PXPPVC12FBF08ACL020PVC	08	A	Overmold Cable	2m	PVC
PXPTPU12FBF08ACL020PUR	08	A	Overmold Cable	2m	PUR
PXPPVC12FBF08ACL030PVC	08	A	Overmold Cable	3m	PVC
PXPTPU12FBF08ACL030PUR	08	A	Overmold Cable	3m	PUR
PXPPVC12FBF08ACL050PVC	08	A	Overmold Cable	5m	PVC
PXPTPU12FBF08ACL050PUR	08	A	Overmold Cable	5m	PUR
PXPPVC12FBF08ACL100PVC	08	A	Overmold Cable	10m	PVC
PXPTPU12FBF08ACL100PUR	08	A	Overmold Cable	10m	PUR
PXPPVC12FBF08ACL150PVC	08	A	Overmold Cable	15m	PVC
PXPTPU12FBF08ACL150PUR	08	A	Overmold Cable	15m	PUR
PXPPVC12FBF12ACL010PVC	12	A	Overmold Cable	1m	PVC
PXPTPU12FBF12ACL010PUR	12	A	Overmold Cable	1m	PUR
PXPPVC12FBF12ACL020PVC	12	A	Overmold Cable	2m	PVC
PXPTPU12FBF12ACL020PUR	12	A	Overmold Cable	2m	PUR
PXPPVC12FBF12ACL030PVC	12	A	Overmold Cable	3m	PVC
PXPTPU12FBF12ACL030PUR	12	A	Overmold Cable	3m	PUR
PXPPVC12FBF12ACL050PVC	12	A	Overmold Cable	5m	PVC
PXPTPU12FBF12ACL050PUR	12	A	Overmold Cable	5m	PUR
PXPPVC12FBF12ACL100PVC	12	A	Overmold Cable	10m	PVC
PXPTPU12FBF12ACL100PUR	12	A	Overmold Cable	10m	PUR
PXPPVC12FBF12ACL150PVC	12	A	Overmold Cable	15m	PVC
PXPTPU12FBF12ACL150PUR	12	A	Overmold Cable	15m	PUR
PXPPVC12FBF05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU12FBF05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC12FBF05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU12FBF05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC12FBF05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU12FBF05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC12FBF05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU12FBF05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC12FBF05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU12FBF05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC12FBF05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU12FBF05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPPVC12FBF04DCL010PVC	04	D	Overmold Cable	1m	PVC
PXPTPU12FBF04DCL010PUR	04	D	Overmold Cable	1m	PUR
PXPPVC12FBF04DCL020PVC	04	D	Overmold Cable	2m	PVC
PXPTPU12FBF04DCL020PUR	04	D	Overmold Cable	2m	PUR
PXPPVC12FBF04DCL030PVC	04	D	Overmold Cable	3m	PVC
PXPTPU12FBF04DCL030PUR	04	D	Overmold Cable	3m	PUR
PXPPVC12FBF04DCL050PVC	04	D	Overmold Cable	5m	PVC
PXPTPU12FBF04DCL050PUR	04	D	Overmold Cable	5m	PUR
PXPPVC12FBF04DCL100PVC	04	D	Overmold Cable	10m	PVC
PXPTPU12FBF04DCL100PUR	04	D	Overmold Cable	10m	PUR
PXPPVC12FBF04DCL150PVC	04	D	Overmold Cable	15m	PVC
PXPTPU12FBF04DCL150PUR	04	D	Overmold Cable	15m	PUR
PXPTPU12FBF04TCL010PUR	05	L	Overmold Cable	1m	PUR
PXPTPU12FBF04SCL010PUR	04	S	Overmold Cable	1m	PUR
PXPTPU12FBF05LCL010PUR	04	T	Overmold Cable	1m	PUR

M12 Right Angled Male



PXPTPU12RAM  
PXPPVC12RAM

- ⬡ 3, 4, 5, 8 and 12 poles
- ⬡ 1,2,3,5,10 & 15M cable options
- ⬡ Overmold Flex Inline Body
- ⬡ Mates with Flex Body & panel mount connectors



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC12RAM03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU12RAM03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC12RAM03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU12RAM03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC12RAM03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU12RAM03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC12RAM03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU12RAM03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC12RAM03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU12RAM03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC12RAM03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU12RAM03ACL150PUR	03	A	Overmold Cable	15m	PUR



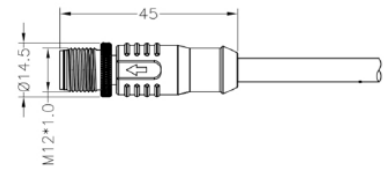
PXPPVC12RAM04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU12RAM04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC12RAM04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU12RAM04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC12RAM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU12RAM04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC12RAM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU12RAM04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC12RAM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU12RAM04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC12RAM04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU12RAM04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC12RAM05ACL010PVC	05	A	Overmold Cable	1m	PVC
PXPTPU12RAM05ACL010PUR	05	A	Overmold Cable	1m	PUR
PXPPVC12RAM05ACL020PVC	05	A	Overmold Cable	2m	PVC
PXPTPU12RAM05ACL020PUR	05	A	Overmold Cable	2m	PUR
PXPPVC12RAM05ACL030PVC	05	A	Overmold Cable	3m	PVC
PXPTPU12RAM05ACL030PUR	05	A	Overmold Cable	3m	PUR
PXPPVC12RAM05ACL050PVC	05	A	Overmold Cable	5m	PVC
PXPTPU12RAM05ACL050PUR	05	A	Overmold Cable	5m	PUR
PXPPVC12RAM05ACL100PVC	05	A	Overmold Cable	10m	PVC
PXPTPU12RAM05ACL100PUR	05	A	Overmold Cable	10m	PUR
PXPPVC12RAM05ACL150PVC	05	A	Overmold Cable	15m	PVC
PXPTPU12RAM05ACL150PUR	05	A	Overmold Cable	15m	PUR
PXPPVC12RAM08ACL010PVC	08	A	Overmold Cable	1m	PVC
PXPTPU12RAM08ACL010PUR	08	A	Overmold Cable	1m	PUR
PXPPVC12RAM08ACL020PVC	08	A	Overmold Cable	2m	PVC
PXPTPU12RAM08ACL020PUR	08	A	Overmold Cable	2m	PUR
PXPPVC12RAM08ACL030PVC	08	A	Overmold Cable	3m	PVC
PXPTPU12RAM08ACL030PUR	08	A	Overmold Cable	3m	PUR
PXPPVC12RAM08ACL050PVC	08	A	Overmold Cable	5m	PVC
PXPTPU12RAM08ACL050PUR	08	A	Overmold Cable	5m	PUR
PXPPVC12RAM08ACL100PVC	08	A	Overmold Cable	10m	PVC
PXPTPU12RAM08ACL100PUR	08	A	Overmold Cable	10m	PUR
PXPPVC12RAM08ACL150PVC	08	A	Overmold Cable	15m	PVC
PXPTPU12RAM08ACL150PUR	08	A	Overmold Cable	15m	PUR
PXPPVC12RAM12ACL010PVC	12	A	Overmold Cable	1m	PVC
PXPTPU12RAM12ACL010PUR	12	A	Overmold Cable	1m	PUR
PXPPVC12RAM12ACL020PVC	12	A	Overmold Cable	2m	PVC
PXPTPU12RAM12ACL020PUR	12	A	Overmold Cable	2m	PUR
PXPPVC12RAM12ACL030PVC	12	A	Overmold Cable	3m	PVC
PXPTPU12RAM12ACL030PUR	12	A	Overmold Cable	3m	PUR
PXPPVC12RAM12ACL050PVC	12	A	Overmold Cable	5m	PVC
PXPTPU12RAM12ACL050PUR	12	A	Overmold Cable	5m	PUR
PXPPVC12RAM12ACL100PVC	12	A	Overmold Cable	10m	PVC
PXPTPU12RAM12ACL100PUR	12	A	Overmold Cable	10m	PUR
PXPPVC12RAM12ACL150PVC	12	A	Overmold Cable	15m	PVC
PXPTPU12RAM12ACL150PUR	12	A	Overmold Cable	15m	PUR
PXPPVC12RAM05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU12RAM05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC12RAM05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU12RAM05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC12RAM05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU12RAM05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC12RAM05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU12RAM05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC12RAM05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU12RAM05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC12RAM05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU12RAM05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPPVC12RAM04DCL010PVC	04	D	Overmold Cable	1m	PVC
PXPTPU12RAM04DCL010PUR	04	D	Overmold Cable	1m	PUR
PXPPVC12RAM04DCL020PVC	04	D	Overmold Cable	2m	PVC
PXPTPU12RAM04DCL020PUR	04	D	Overmold Cable	2m	PUR
PXPPVC12RAM04DCL030PVC	04	D	Overmold Cable	3m	PVC
PXPTPU12RAM04DCL030PUR	04	D	Overmold Cable	3m	PUR
PXPPVC12RAM04DCL050PVC	04	D	Overmold Cable	5m	PVC
PXPTPU12RAM04DCL050PUR	04	D	Overmold Cable	5m	PUR
PXPPVC12RAM04DCL100PVC	04	D	Overmold Cable	10m	PVC
PXPTPU12RAM04DCL100PUR	04	D	Overmold Cable	10m	PUR
PXPPVC12RAM04DCL150PVC	04	D	Overmold Cable	15m	PVC
PXPTPU12RAM04DCL150PUR	04	D	Overmold Cable	15m	PUR

M12 Flex Inline Body Male



PXPTPU12FIM  
PXPPVC12FIM

- 3, 4, 5, 8 and 12 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Inline Body
- Mates with Flex Body & panel mount connectors



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC12FIM03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU12FIM03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC12FIM03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU12FIM03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC12FIM03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU12FIM03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC12FIM03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU12FIM03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC12FIM03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU12FIM03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC12FIM03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU12FIM03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC12FIM04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU12FIM04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC12FIM04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU12FIM04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC12FIM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU12FIM04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC12FIM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU12FIM04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC12FIM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU12FIM04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC12FIM04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU12FIM04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC12FIM05ACL010PVC	05	A	Overmold Cable	1m	PVC
PXPTPU12FIM05ACL010PUR	05	A	Overmold Cable	1m	PUR
PXPPVC12FIM05ACL020PVC	05	A	Overmold Cable	2m	PVC
PXPTPU12FIM05ACL020PUR	05	A	Overmold Cable	2m	PUR
PXPPVC12FIM05ACL030PVC	05	A	Overmold Cable	3m	PVC
PXPTPU12FIM05ACL030PUR	05	A	Overmold Cable	3m	PUR
PXPPVC12FIM05ACL050PVC	05	A	Overmold Cable	5m	PVC
PXPTPU12FIM05ACL050PUR	05	A	Overmold Cable	5m	PUR
PXPPVC12FIM05ACL100PVC	05	A	Overmold Cable	10m	PVC
PXPTPU12FIM05ACL100PUR	05	A	Overmold Cable	10m	PUR
PXPPVC12FIM05ACL150PVC	05	A	Overmold Cable	15m	PVC
PXPTPU12FIM05ACL150PUR	05	A	Overmold Cable	15m	PUR
PXPPVC12FIM08ACL010PVC	08	A	Overmold Cable	1m	PVC
PXPTPU12FIM08ACL010PUR	08	A	Overmold Cable	1m	PUR
PXPPVC12FIM08ACL020PVC	08	A	Overmold Cable	2m	PVC
PXPTPU12FIM08ACL020PUR	08	A	Overmold Cable	2m	PUR
PXPPVC12FIM08ACL030PVC	08	A	Overmold Cable	3m	PVC
PXPTPU12FIM08ACL030PUR	08	A	Overmold Cable	3m	PUR
PXPPVC12FIM08ACL050PVC	08	A	Overmold Cable	5m	PVC
PXPTPU12FIM08ACL050PUR	08	A	Overmold Cable	5m	PUR
PXPPVC12FIM08ACL100PVC	08	A	Overmold Cable	10m	PVC
PXPTPU12FIM08ACL100PUR	08	A	Overmold Cable	10m	PUR
PXPPVC12FIM08ACL150PVC	08	A	Overmold Cable	15m	PVC
PXPTPU12FIM08ACL150PUR	08	A	Overmold Cable	15m	PUR
PXPPVC12FIM12ACL010PVC	12	A	Overmold Cable	1m	PVC
PXPTPU12FIM12ACL010PUR	12	A	Overmold Cable	1m	PUR
PXPPVC12FIM12ACL020PVC	12	A	Overmold Cable	2m	PVC
PXPTPU12FIM12ACL020PUR	12	A	Overmold Cable	2m	PUR
PXPPVC12FIM12ACL030PVC	12	A	Overmold Cable	3m	PVC
PXPTPU12FIM12ACL030PUR	12	A	Overmold Cable	3m	PUR
PXPPVC12FIM12ACL050PVC	12	A	Overmold Cable	5m	PVC
PXPTPU12FIM12ACL050PUR	12	A	Overmold Cable	5m	PUR
PXPPVC12FIM12ACL100PVC	12	A	Overmold Cable	10m	PVC
PXPTPU12FIM12ACL100PUR	12	A	Overmold Cable	10m	PUR
PXPPVC12FIM12ACL150PVC	12	A	Overmold Cable	15m	PVC
PXPTPU12FIM12ACL150PUR	12	A	Overmold Cable	15m	PUR

PXPPVC12FIM05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU12FIM05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC12FIM05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU12FIM05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC12FIM05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU12FIM05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC12FIM05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU12FIM05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC12FIM05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU12FIM05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC12FIM05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU12FIM05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPPVC12FIM04DCL010PVC	04	D	Overmold Cable	1m	PVC
PXPTPU12FIM04DCL010PUR	04	D	Overmold Cable	1m	PUR
PXPPVC12FIM04DCL020PVC	04	D	Overmold Cable	2m	PVC
PXPTPU12FIM04DCL020PUR	04	D	Overmold Cable	2m	PUR
PXPPVC12FIM04DCL030PVC	04	D	Overmold Cable	3m	PVC
PXPTPU12FIM04DCL030PUR	04	D	Overmold Cable	3m	PUR
PXPPVC12FIM04DCL050PVC	04	D	Overmold Cable	5m	PVC
PXPTPU12FIM04DCL050PUR	04	D	Overmold Cable	5m	PUR
PXPPVC12FIM04DCL100PVC	04	D	Overmold Cable	10m	PVC
PXPTPU12FIM04DCL100PUR	04	D	Overmold Cable	10m	PUR
PXPPVC12FIM04DCL150PVC	04	D	Overmold Cable	15m	PVC
PXPTPU12FIM04DCL150PUR	04	D	Overmold Cable	15m	PUR
PXPTPU12FIM05LCL010PUR	05	L	Overmold Cable	1m	PUR
PXPTPU12FIM04SCL010PUR	04	S	Overmold Cable	1m	PUR
PXPTPU12FIM04TCL010PUR	04	T	Overmold Cable	1m	PUR

M12 Flex Body To Flex In-Line



PXPPNP12FBF

- 4 poles
- 0.3, 0.6, 1 & 2M cable options
- Overmold Flex Inline Body to Flex In-Line
- Mates with Flex Body & panel mount connectors



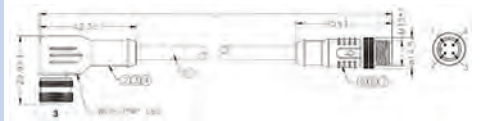
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPNP12FBF04AFI003PVC	04	A	Flex In-Line	0.3m	PVC
PXPPNP12FBF04AFI006PVC	04	A	Flex In-Line	0.6m	PVC
PXPPNP12FBF04AFI010PVC	04	A	Flex In-Line	1m	PVC
PXPPNP12FBF04AFI020PVC	04	A	Flex In-Line	2m	PVC

M12 Right Angle To Flex In-Line



PXPPNP12RAF

- 4 poles
- 0.3, 0.6, 1 & 2M cable options
- Overmold Flex Inline Body to Flex In-Line
- Mates with Flex Body & panel mount connectors



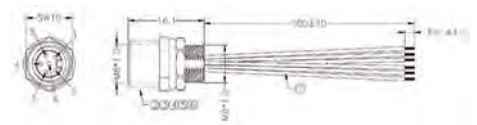
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPNP12RAF04AFI003PVC	04	A	Flex In-Line	0.3m	PVC
PXPPNP12RAF04AFI006PVC	04	A	Flex In-Line	0.6m	PVC
PXPPNP12RAF04AFI010PVC	04	A	Flex In-Line	1m	PVC
PXPPNP12RAF04AFI020PVC	04	A	Flex In-Line	2m	PVC

M12 Front & Rear Panel Mount Flying Leads



PXMBNI12RPM  
PXMBNI12RPF  
PXMBNI12FPF  
PXMBNI12FFM

- 4, 5 and 17 poles
- 0.1 & 0.2M cable options
- Overmold Flex Inline Body
- Mates with Flex Body
- Different panel mounting options available



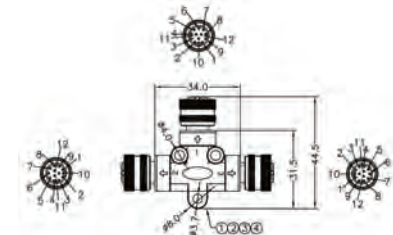
Part Number	Poles	Code	Termination	Lead Length	Mounting Nut
PXMBNI12FPM17AFLM12001	17	A	Flying Lead	0.1m	M12
PXMBNI12FPF17AFLPG9001	17	A	Flying Lead	0.1m	PG9
PXMBNI12FPM17AFLPG9001	17	A	Flying Lead	0.1m	PG9
PXMBNI12FPF17AFLM16001	17	A	Flying Lead	0.1m	M16
PXMBNI12FPM17AFLM16001	17	A	Flying Lead	0.1m	M16
PXMBNI12RPM17AFLM12001	17	A	Flying Lead	0.1m	M12
PXMBNI12RPF17AFLPG9001	17	A	Flying Lead	0.1m	PG9
PXMBNI12RPM17AFLPG9001	17	A	Flying Lead	0.1m	PG9
PXMBNI12RPF17AFLM16001	17	A	Flying Lead	0.1m	M16
PXMBNI12RPM17AFLM16001	17	A	Flying Lead	0.1m	M16
PXMBNI12RPM05LFLM16001	5	L	Flying Lead	0.1m	M16
PXMBNI12RPF05LFLM16001	5	L	Flying Lead	0.1m	M16
PXMBNI12RPM04SFLM16002	4	S	Flying Lead	0.2m	M16
PXMBNI12RPF04SFLM16002	4	S	Flying Lead	0.2m	M16
PXMBNI12RPM04TFLM16001	4	T	Flying Lead	0.1m	M16
PXMBNI12RPF04TFLM16001	4	T	Flying Lead	0.1m	M16

M12 T-Splitters



PXPPVC12TS

- 4, 5, 8 and 12 poles
- Mates with Flex Body & panel mount connectors



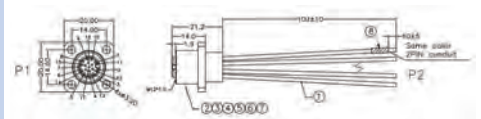
Part Number	Poles	Code	Termination
PXPPVC12TSMM04AFIIF	4	A	Male-Male-Male
PXPPVC12TSMM05AFIIF	5	A	Male-Male-Male
PXPPVC12TSMM08AFIIF	8	A	Male-Male-Male
PXPPVC12TSMM12AFIIF	12	A	Male-Male-Male
PXPPVC12TFM04AFBIFB	4	A	Female-Male-Male
PXPPVC12TFM05AFBIFB	5	A	Female-Male-Male
PXPPVC12TFM08AFBIFB	8	A	Female-Male-Male
PXPPVC12TFM12AFBIFB	12	A	Female-Male-Male
PXPPVC12TSFF04AFBBFB	4	A	Female-Female-Female
PXPPVC12TSFF05AFBBFB	5	A	Female-Female-Female
PXPPVC12TSFF08AFBBFB	8	A	Female-Female-Female
PXPPVC12TSFF12AFBBFB	12	A	Female-Female-Female

M12 Fixed Flange



PXMBNI12FL

- 17 poles
- 0.1M cable options
- Mates with Flex Body



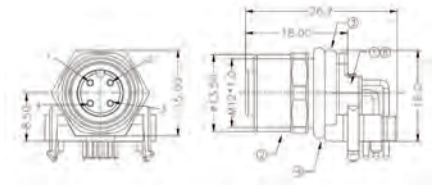
Part Number	Poles	Code	Termination	Lead Length	Mounting
PXMBNI12FLF17AFLFFL001	17	A	Flying Lead	0.1m	Fixed Flange
PXMBNI12FLM17AFLFFL001	17	A	Flying Lead	0.1m	Fixed Flange

M12 Right Angle Rear Panel Mount



PXMBNI12RA

- 4, 5, 8 and 12 poles
- Mates with Flex Body
- PCB Termination



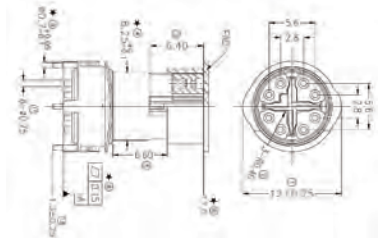
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RAF04APCM12	4	A	PCB Terminal	M12
PXMBNI12RAF05APCM12	5	A	PCB Terminal	M12
PXMBNI12RAF08APCM12	8	A	PCB Terminal	M12
PXMBNI12RAF12APCM12	12	A	PCB Terminal	M12
PXMBNI12RAM04APCM12	4	A	PCB Terminal	M12
PXMBNI12RAM05APCM12	5	A	PCB Terminal	M12
PXMBNI12RAM08APCM12	8	A	PCB Terminal	M12
PXMBNI12RAM12APCM12	12	A	PCB Terminal	M12

M12 SMT Connectors



PXPLCP12SM

- 4, 5, 8 and 12 poles
- Male and Female options
- PCB Termination



Part Number	Poles	Code	Termination
PXPLCP12SMM04APC	4	A	PCB Terminal
PXPLCP12SMF05APC	5	A	PCB Terminal
PXPLCP12SMM08APC	8	A	PCB Terminal
PXPLCP12SMM12APC	12	A	PCB Terminal
PXPLCP12SMF05APC	5	A	PCB Terminal
PXPLCP12SMF08APC	8	A	PCB Terminal

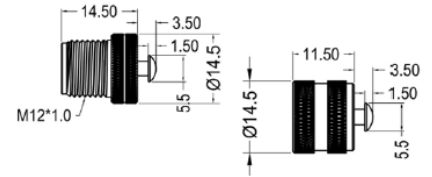


PA66 M12 Sealing Cap



PXPPAM12

- Sealing caps to maintain IP rating
- Male & Female versions



Part Number	Series	Type	Material
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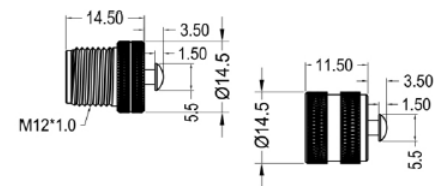
PXPPAM12CAM	M12	Male	PA66
PXPPAM12CAF	M12	Female	PA66

Brass - Nickel Plating M12 Sealing Cap



PXMBNI12

- Sealing caps to maintain IP rating
- Male & Female versions



Part Number	Series	Type	Material
-------------	--------	------	----------

PXMBNI12CAM	M12	Male	Brass - Nickel Plating
PXMBNI12CAF	M12	Female	Brass - Nickel Plating



**Electrical**

No. Poles:	3	4	5	6	8	12	17
Current Rating:	4A	4A	4A	1.5A	2A	1.5A	1.5A
Voltage Rating (ac/dc) :	250V	250V	60V	30V	30V	30V	30V
Contact Resistance:	<10mΩ						
Insulation Resistance:	>100MΩ						
AC Breakdown Voltage:							
3 Pole	1.5KV						
4 Pole	1.5KV						
5 Pole	1.5KV						
6 Pole	1.5KV						
8 Pole	0.8KV						
12 Pole	0.8KV						
17 Pole	0.8KV						
Operating Temp Range:	-25°C to 80°C						

**Mechanical:**

Locking Mechanism:	Screw coupling
Sealing:	IP67
Contact Accomodation:	
3, 4, 5, 6, 8, 12 & 17 Pole	28AWG-22AWG
Cable Acceptance:	4.6 - 8.0mm Dia
Terminations:	
3, 4, 5, 6, 8	PCB / Screw / Solder / Cable
12, 17	PCB / Solder / Cable
Mechanical Operation:	500 & 100 mating cycle options available
Largest diameter over coupling ring:	20.0mm

**Materials:**

**Panel Mount:**

**Cable Connectors:**

**Flex & Inline Connectors:**

Body:	Nickel Plated Brass	TPU / PVC / LCP	Nickel Plated Brass / PA66
Coupling Nut:	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Colour:	Grey	Black	Black or Grey
Pin Contacts:	Brass, Gold plating	Brass, Gold plating	Brass, Gold plating
Socket Contacts:	Phosphor Bronze, Gold plating	Phosphor Bronze, Gold plating	Phosphor Bronze, Gold plating
O Rings & Gaskets:	Viton	Viton	Viton
RoHS:	Compliant	Compliant	Compliant

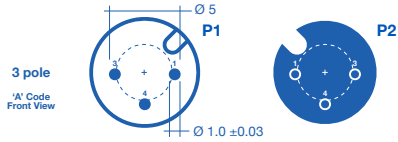
<b>XXX</b>	<b>XXX</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>XX</b>	<b>X</b>	<b>XX</b>
Series	Material	Series Size	Body Style	Orientation	NO. Contacts	Code	Termination
PXM	BNI = Brass Nickel PAM = Polyamide	12	FB = Flex Body FI = Flex Inline Body	M F	03 04 05	A B D	ST = Screw Terminal PC = PCB CL = Cable
PXP	TPU = Overmold for PUR PVC = Overmold for PVC PNP = + Signal LED NPN = - Signal LED LCP = Liquid Crystal Polymer		RP = Rear Panel Mounting RA = Right Angle SC = Sealing Cap FP = Front Panel Mounting TS = T-Splitter FL = Flange SM = Surface Mount	T-Splitters = MM FM FF	06 08 12 17	L S T	SC = Solder FI = Flex In-Line FL = Flying Lead  T-Splitter = FIIFI FBIFB FBBFB

<b>XXX</b>	<b>XXX</b>	<b>XXX</b>
Mounting / Gland Nut Thread	Lead Length	Cable Material
PG9	001 002	PUR
PG7	003 006	PVC
M16	010 020	
M12	030 050	
FFL = Fixed Flange	100 150	



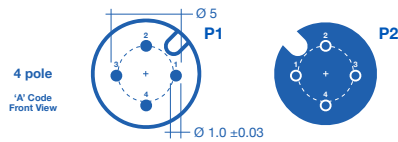
Contact Diagrams:

XXXXXXXXXXM03XXXXXXXXXXXXX  
XXXXXXXXXXF03XXXXXXXXXXXXX



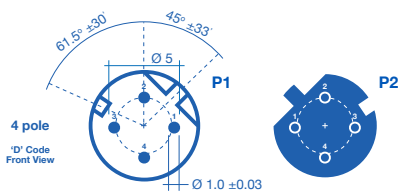
P1	PAIR	WIRE COLOUR	P2
1	⌘	BROWN	1
3	⌘	BLUE	3
4	⌘	BLACK	4

XXXXXXXXXXM04XXXXXXXXXXXXX  
XXXXXXXXXXF04XXXXXXXXXXXXX



4 PINS A-CODED

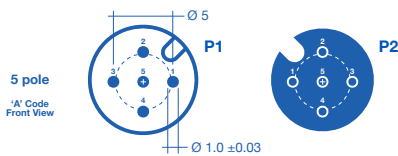
P1	PAIR	WIRE COLOUR	P2
1	⌘	BROWN	1
2	⌘	WHITE	2
3	⌘	BLUE	3
4	⌘	BLACK	4



4 PINS D-CODED

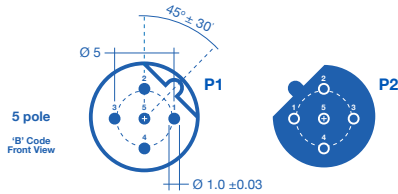
P1	PAIR	WIRE COLOUR	P2
1	⌘	YELLOW	1
2	⌘	WHITE	2
3	⌘	ORANGE	3
4	⌘	BLUE	4

XXXXXXXXXXM05XXXXXXXXXXXXX  
XXXXXXXXXXF05XXXXXXXXXXXXX



5 PINS A-CODED

P1	PAIR	WIRE COLOUR	P2
1	⌘	BROWN	1
2	⌘	WHITE	2
3	⌘	BLUE	3
4	⌘	BLACK	4
5	⌘	GREY	5

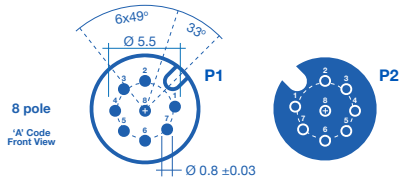


5 PINS B-CODED

P1	PAIR	WIRE COLOUR	P2
1	⌘	BROWN	1
2	⌘	WHITE	2
3	⌘	BLUE	3
4	⌘	BLACK	4
5	⌘	GREY	5

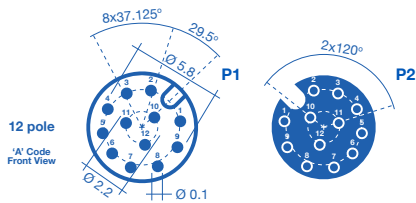
Contact Diagrams:

XXXXXXXXXXM08XXXXXXXXXXXX  
XXXXXXXXXXF08XXXXXXXXXXXX



P1	PAIR	WIRE COLOUR	P2
1	1-2	WHITE	1
2	3-4	BROWN	2
3	5-6	GREEN	3
4	7-8	YELLOW	4
5	1-2	GREY	5
6	3-4	PINK	6
7	5-6	BLUE	7
8	7-8	RED	8

XXXXXXXXXXM12XXXXXXXXXXXX  
XXXXXXXXXXF12XXXXXXXXXXXX



P1	PAIR	WIRE COLOUR	P2
1	1-2	BROWN	1
2	3-4	BLUE	2
3	5-6	WHITE	3
4	7-8	GREEN	4
5	9-10	PINK	5
6	11-12	YELLOW	6
7	1-2	BLACK	7
8	3-4	GREY	8
9	5-6	RED	9
10	7-8	VIOLET	10
11	9-10	GREY / PINK	11
12	11-12	RED / BLUE	12

With a high degree of mechanical and electrical stability, **Bulgin's M12 X Coding connectors** provide a **cost effective and flexible connectivity solution** for onsite installations, helping to **decrease downtime** in process control, manufacturing automation and industrial instrumentation applications.

## Key features:

- Reliable industry standard (EN 61076-2-109) screw locking mechanism
- Field installable, cable and panel mount options
- Maximum Data Signaling Rate to 10Gbit/s
- -25 °C to 85 °C Temperature Range
- Plastic and metal options variants
- Cat6a cables
- Ethernet, Profinet Application
- 800V Rated Impulse Voltage
- IP67 degree of protection
- 0.5A Rated Current
- M12 X Coding

**Full Contact Diagrams Page 168**



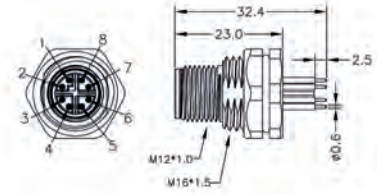


M12 X Code Rear Panel Mounting Male



PXMBNI12RPM08XPCM16

- 8 pole
- PCB termination
- Different panel mounting options available
- Mates with flex body connectors



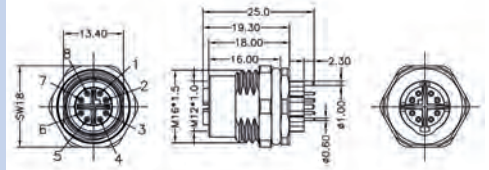
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPM08XPCM16	08	X	PCB Terminal	M16 Mounting / Gland Nut Thread

M12 X Code Rear Panel Mounting Female



PXMBNI12RPF08XPCM16

- 8 pole
- PCB termination
- Different panel mounting options available
- Mates with flex inline body connectors



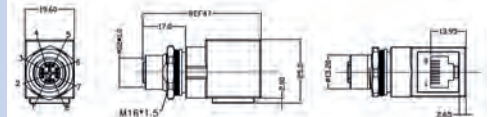
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPF08XPCM16	08	X	PCB Terminal	M16 Mounting / Gland Nut Thread

M12 X Code Rear Panel Mounting Female - RJ45



PXMBNI12RAF08XRJM16

- 8 pole
- Solder termination
- Metal flex body
- Mates with flex inline body connectors



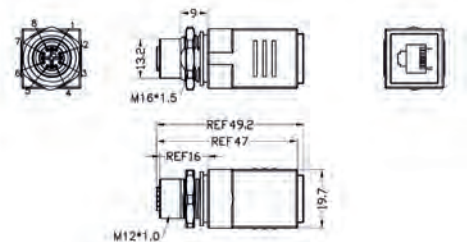
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RAF08XRJM16	08	X	RJ45	M16 Mounting / Gland Nut Thread

M12 X Code Rear Panel Mounting Female - RJ45



PXMBNI12RPM08XRJM16

- 8 pole
- Solder termination
- Metal flex body
- Mates with flex inline body connectors



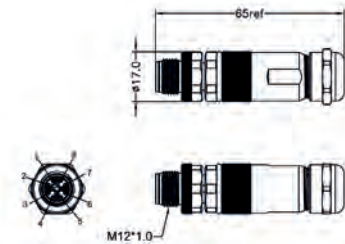
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12RPM08XRJM16	08	X	RJ45	M16 Mounting / Gland Nut Threa

Nickel Plated M12 X Code Flex Inline Body Male



PXMBNI12FIM08XSCPG9

- 8 pole
- Solder termination
- Metal flex inline body
- Mates with flex body and panel mount connectors



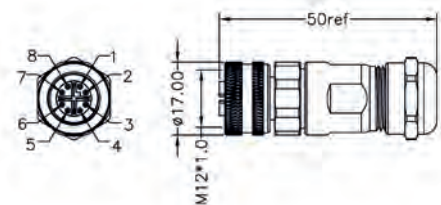
Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12FIM08XSCPG9	08	X	Solder Terminal	PG9 Mounting / Gland Nut Thread

Nickel Plating M12 X Code Flex Body Female



PXMBNI12FBF08XSCPG9

- 8 pole
- Solder termination
- Metal Flex Body
- Mates with Flex Inline Body and panel mount connectors



Part Number	Poles	Code	Termination	Mounting Nut
PXMBNI12FBF08XSCPG9	08	X	Solder Terminal	PG9 Mounting / Gland Nut Threa



PXPTPU12FIM08XFI010PU

- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FIM08XFI010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FIM08XFI020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FIM08XFI030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FIM08XFI050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FIM08XFI100PU	08	X	Overmold Cable	10m	PU



PXPTPU12FBF08XFB010PU

- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable

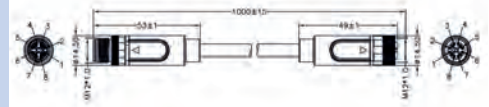


Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FBF08XFB010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FBF08XFB020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FBF08XFB030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FBF08XFB050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FBF08XFB100PU	08	X	Overmold Cable	10m	PU



PXPTPU12FIM08XFB010PU

- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable

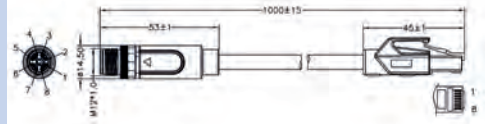


Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FIM08XFB010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FIM08XFB020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FIM08XFB030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FIM08XFB050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FIM08XFB100PU	08	X	Overmold Cable	10m	PU



PXPTPU12FIM08XRJ010PU

- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable

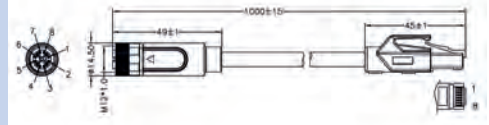


Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FIM08XRJ010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FIM08XRJ020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FIM08XRJ030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FIM08XRJ050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FIM08XRJ100PU	08	X	Overmold Cable	10m	PU



PXPTPU12FBF08XRJ010PU

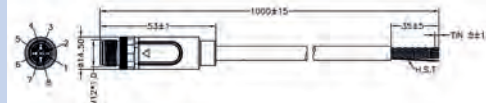
- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FBF08XRJ010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FBF08XRJ020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FBF08XRJ030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FBF08XRJ050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FBF08XRJ100PU	08	X	Overmold Cable	10m	PU



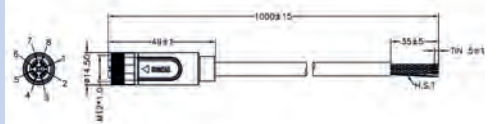
- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable



Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FIM08XCL010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FIM08XCL020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FIM08XCL030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FIM08XCL050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FIM08XCL100PU	08	X	Overmold Cable	10m	PU



- 8 pole
- Choice of cable lengths
- TPU flex body overmold
- PU jacket cable

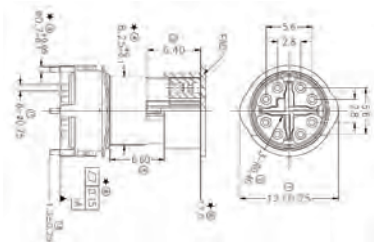


Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPTPU12FBF08XCL010PU	08	X	Overmold Cable	1m	PU
PXPTPU12FBF08XCL020PU	08	X	Overmold Cable	2m	PU
PXPTPU12FBF08XCL030PU	08	X	Overmold Cable	3m	PU
PXPTPU12FBF08XCL050PU	08	X	Overmold Cable	5m	PU
PXPTPU12FBF08XCL100PU	08	X	Overmold Cable	10m	PU

M12 SMT Connectors



- 4, 5, 8 and 12 poles
- Male and Female options
- PCB Termination



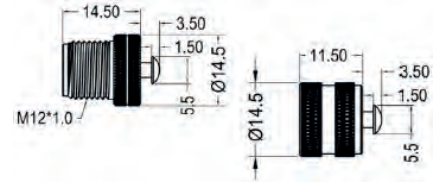
Part Number	Poles	Code	Termination
PXPLCP12SMF08XPC	8	X	PCB Terminal

PA66 M12 Sealing Cap



PXPPAM12

- Sealing caps to maintain IP rating
- Male & Female versions



**Part Number**

**Series**

**Type**

**Material**

PXPPAM12CAM  
PXPPAM12CAF

M12  
M12

Male  
Female

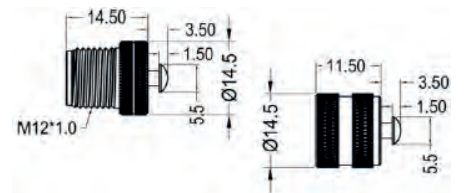
PA66  
PA66

Brass - Nickel Plating M12 Sealing Cap



PXMBNI12

- Sealing caps to maintain IP rating
- Male & Female versions



**Part Number**

**Series**

**Type**

**Material**

PXMBNI12CAM  
PXMBNI12CAF

M12  
M12

Male  
Female

Brass - Nickel Plating  
Brass - Nickel Plating



Buccaneer  
**M12 X Coding Series**

Specifications



**Electrical**

No. Poles:	8
Current Rating:	0.5A
Voltage Rating (ac/dc) :	48V
Contact Resistance:	<5mΩ
Insulation Resistance:	>100MΩ
Operating Temp Range:	-25°C to 85°C

**Mechanical:**

Locking Mechanism:	Screw coupling
Sealing:	IP67
Contact Accomodation:	8 Pole
Cable:	26AWG x 4P + AEB
Terminations:	6.2mm Dia
	8
Mechanical Operation:	PCB / Solder / Cable
Largest diameter over coupling ring:	500 mating cycles
	20.0mm

**Materials:**

**Panel Mount:**

**Cable Connectors:**

**Flex & Inline Connectors:**

Body:	Nickel Plated Brass	TPU / LCP	Nickel Plated Brass
Coupling Nut:	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Colour:	Grey	Black	Grey
Pin Contacts:	Brass, Gold plating	Brass, Gold plating	Brass, Gold plating
Socket Contacts:	Phosphor Bronze, Gold plating	Phosphor Bronze, Gold plating	Phosphor Bronze, Gold plating
O Rings & Gaskets:	Viton	Viton	Viton
RoHS:	Compliant	Compliant	Compliant

<b>MX</b>	<b>XXX</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>XX</b>	<b>X</b>	<b>XX</b>
<b>Series</b>	<b>Material</b>	<b>Series Size</b>	<b>Body Style</b>	<b>Orientation</b>	<b>NO. Contacts</b>	<b>Code</b>	<b>Termination</b>
PXM	BNI = Brass Nickel	12	FB = Flex Body	M	08	X	PC = PCB
PXP	TPU = overmold for PUR LCP = Liquid Crystal Polymer		FI = Flex Inline Body RP = Rear Panel Mounting RA = Right Angle	F			CL = Cable SC = Solder RJ = RJ45 FB = FLEX BODY FI = FLEX INLINE BODY

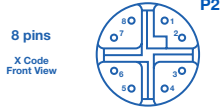
<b>XXX</b>	<b>XXX</b>	<b>XXX</b>
<b>Mounting / Gland Nut Thread</b>	<b>Lead Length</b>	<b>Cable Material</b>
PG9	010	PU
M16	020	
	030	
	050	
	100	



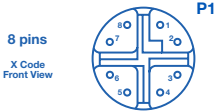
Contact Diagrams:

PXMBNI12RPM08XPCM16  
PXMBNI12FIM08XSCPG9

PXMBNI12RPF08XPCM16  
PXMBNI12FBF08XSCPG9



PXMBNI12RAF08XRJM16  
PXMBNI12RPM08XRJM16



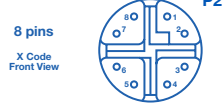
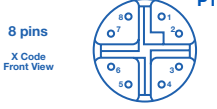
P1	PAIR	WIRE COLOUR	P2
1	X	WHITE / ORANGE	1
2			2
3	X	WHITE / GREEN	3
4			4
5	X	WHITE / BLUE	5
6			6
7	X	WHITE / BROWN	7
8			8

PXPTPU12FIM08XFI010PU



P1	PAIR	WIRE COLOUR	P2
1	X	WHITE / ORANGE	1
2			2
3	X	WHITE / GREEN	3
4			4
5	X	WHITE / BLUE	5
6			6
7	X	WHITE / BROWN	7
8			8
SHELL	—		SHELL

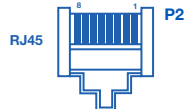
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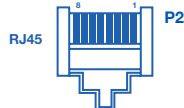


PXPTPU12FIM08XRJ010PU



P1	PAIR	WIRE COLOUR	P2
1	X	WHITE / ORANGE	1
2			2
3	X	WHITE / GREEN	3
4			4
5	X	WHITE / BLUE	5
6			6
7	X	WHITE / BROWN	7
8			8
SHELL	—	BRAID	SHELL

PXPTPU12FBF08XRJ010PU



PXPTPU12FIM08XCL010PU



P1	PAIR	WIRE COLOUR	P2
1	X	WHITE / ORANGE	OPEN
2			
3	X	WHITE / GREEN	
4			
5	X	WHITE / BLUE	
6			
7	X	WHITE / BROWN	
8			
SHELL	—	BRAID	

PXPTPU12FBF08XCL010PU

