

Bulgin's **M8 circular connectors** and overmolded cables are designed to fulfil the ever growing demand for **sensor**, **actuator** and **data connections** in process control, industrial machinery and factory automation applications.



These compact sensor and automation connectors with screw lock coupling are mechanically and chemically robust, easy to install, minimise downtime and help to increase production efficiency. Rated to the IP67 standard, Bulgin's M8 Series ensure safe, secure and reliable protection from liquids, dust, moisture and dirt whilst also providing great resistance against vibrations to ensure that connections are not disrupted.

Key features:

- ⬢ Straight & right angled configurations
- ⬢ 3, 4 or 5 contacts
- ⬢ Metal & plastic shell options
- ⬢ A & B coded
- ⬢ Environmental protection class IP67
- ⬢ Field installable connectors, panel mounts & overmolded cable options
- ⬢ PVC or PUR jacketed cable variants with many lengths from 1m – 15m
- ⬢ Compliant with EN 61076-2-104

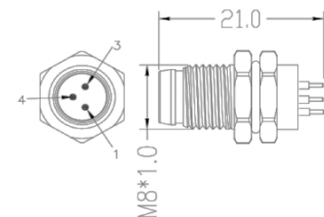
[Full Contact Diagrams Page 143](#)

M8 Rear Panel Mounting Male



PXMBNI08RPM

- Available in 3, 4, 5 & 8 poles
- PCB or flying lead termination
- Mates with Flex Body connectors



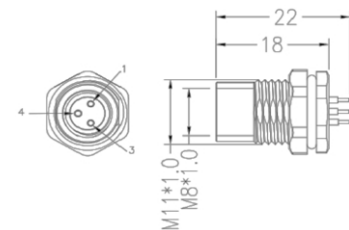
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08RPM03APC	03	A	PCB Terminal	-
PXMBNI08RPM04APC	04	A	PCB Terminal	-
PXMBNI08RPM05BPC	05	B	PCB Terminal	-
PXMBNI08RPM03AFL001	03	A	Flying Lead	100mm
PXMBNI08RPM03AFL002	03	A	Flying Lead	200mm
PXMBNI08RPM03AFL003	03	A	Flying Lead	300mm
PXMBNI08RPM04AFL001	04	A	Flying Lead	100mm
PXMBNI08RPM04AFL002	04	A	Flying Lead	200mm
PXMBNI08RPM04AFL003	04	A	Flying Lead	300mm
PXMBNI08RPM05BFL001	05	B	Flying Lead	100mm
PXMBNI08RPM05BFL002	05	B	Flying Lead	200mm
PXMBNI08RPM05BFL003	05	B	Flying Lead	300mm
PXMBNI08RPM08AFLM8002	08	A	Flying Lead	20mm

M8 Rear Panel Mounting Female



PXMBNI08RPF

- Available in 3, 4, 5 & 6 poles
- PCB or flying lead termination
- Mates with Flex Inline Body connectors



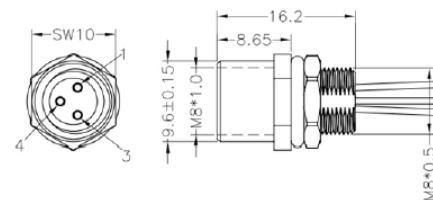
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08RPF03APC	03	A	PCB Terminal	-
PXMBNI08RPF04APC	04	A	PCB Terminal	-
PXMBNI08RPF05BPC	05	B	PCB Terminal	-
PXMBNI08RPF03AFL001	03	A	Flying Lead	100mm
PXMBNI08RPF03AFL002	03	A	Flying Lead	200mm
PXMBNI08RPF03AFL003	03	A	Flying Lead	300mm
PXMBNI08RPF04AFL001	04	A	Flying Lead	100mm
PXMBNI08RPF04AFL002	04	A	Flying Lead	200mm
PXMBNI08RPF04AFL003	04	A	Flying Lead	300mm
PXMBNI08RPF05BFL001	05	B	Flying Lead	100mm
PXMBNI08RPF05BFL002	05	B	Flying Lead	200mm
PXMBNI08RPF05BFL003	05	B	Flying Lead	300mm
PXMBNI08RPF06AFLM8001	06	A	Flying Lead	10mm

M8 Front Panel Mounting Female



PXMBNI08FPF

- Available in 3, 4, 5, 6 & 8 poles
- Flying lead termination
- Mates with Flex Inline Body connector



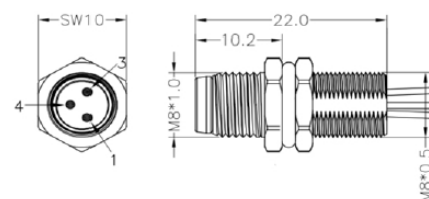
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08FPF03AFL001	03	A	Flying Lead	100mm
PXMBNI08FPF03AFL002	03	A	Flying Lead	200mm
PXMBNI08FPF03AFL003	03	B	Flying Lead	300mm
PXMBNI08FPF04AFL001	04	A	Flying Lead	100mm
PXMBNI08FPF04AFL002	04	A	Flying Lead	200mm
PXMBNI08FPF04AFL003	04	A	Flying Lead	300mm
PXMBNI08FPF05BFL001	05	B	Flying Lead	100mm
PXMBNI08FPF05BFL002	05	B	Flying Lead	200mm
PXMBNI08FPF05BFL003	05	B	Flying Lead	300mm
PXMBNI08FPF06AFLM11001	06	A	Flying Lead	10mm
PXMBNI08FPF08AFLM11002	08	A	Flying Lead	20mm

M8 Front Panel Mounting Male



PXMBNI08FPM

- Available in 3, 4 and 5 poles
- PCB or flying lead termination
- Front panel mounting M8
- Mates with Flex Body connectors



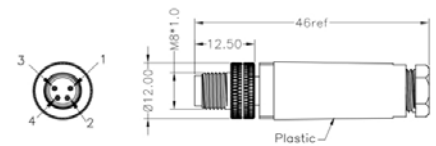
Part Number	Poles	Code	Termination	Lead Length
PXMBNI08FPM03AFL001	03	A	Flying Lead	100mm
PXMBNI08FPM03AFL002	03	A	Flying Lead	200mm
PXMBNI08FPM03AFL003	03	A	Flying Lead	300mm
PXMBNI08FPM04AFL001	04	A	Flying Lead	100mm
PXMBNI08FPM04AFL002	04	A	Flying Lead	200mm
PXMBNI08FPM04AFL003	04	A	Flying Lead	300mm
PXMBNI08FPM05BFL001	05	B	Flying Lead	100mm
PXMBNI08FPM05BFL002	05	B	Flying Lead	200mm
PXMBNI08FPM05BFL003	05	B	Flying Lead	300mm
PXMBNI08FPM04PPC	04	P	PCB Terminal	-

M8 Flex Inline Body Male



PXPPAM08FIM

- Available in 3 and 4 poles
- Screw termination
- Plastic Flex Inline Body
- Mates with Flex Body and panel mount connectors



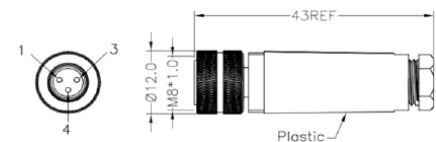
Part Number	Poles	Code	Termination
PXPPAM08FIM03AST	03	A	Screw Terminal
PXPPAM08FIM04AST	04	A	Screw Terminal

M8 Flex Body Female



PXPPAM08FBF

- Available in 3 and 4 poles
- Screw termination
- Plastic Flex Body
- Mates with Flex Inline Body and panel mount connectors



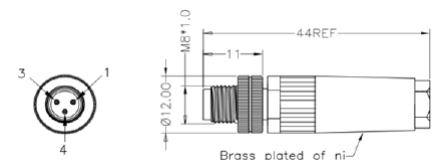
Part Number	Poles	Code	Termination
PXPPAM08FBF03AST	03	A	Screw Terminal
PXPPAM08FBF04AST	04	A	Screw Terminal

Brass - Nickel Plating M8 Flex Inline Body Male



PXMBNI08FIM

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



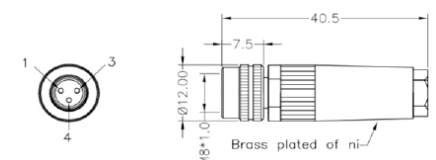
Part Number	Poles	Code	Termination
PXMBNI08FIM03ASC	03	A	Solder Terminal
PXMBNI08FIM04ASC	04	A	Solder Terminal
PXMBNI08FIM05BSC	05	B	Solder Terminal

Brass - Nickel Plating M8 Flex Body Female



PXMBNI08FBF

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



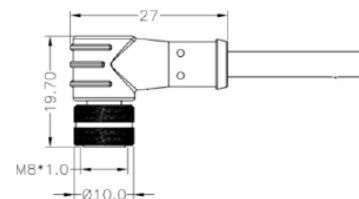
Part Number	Poles	Code	Termination
PXMBNI08FBF03ASC	03	A	Solder Terminal
PXMBNI08FBF04ASC	04	A	Solder Terminal
PXMBNI08FBF05BSC	05	B	Solder Terminal

M8 Right Angled Female



PXPTPU08RAF
PXPPVC08RAF

- ⬢ Available in 3, 4, 5, 6 & 8 poles
- ⬢ 1,1.5,2,3,5,7.5,10 & 15M
- ⬢ cable options
- ⬢ Overmold Flex Body
- ⬢ Mates with Flex Inline Body & panel mount connectors



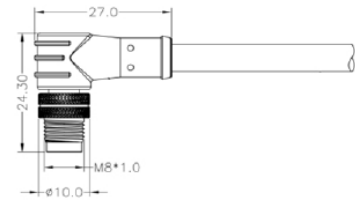
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08RAF03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08RAF03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08RAF03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08RAF03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08RAF03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08RAF03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08RAF03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08RAF03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08RAF03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08RAF03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08RAF03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08RAF03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC08RAF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08RAF04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC08RAF04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08RAF04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08RAF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08RAF04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC08RAF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08RAF04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC08RAF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08RAF04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC08RAF04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08RAF04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC08RAF05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08RAF05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08RAF05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08RAF05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08RAF05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08RAF05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08RAF05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08RAF05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08RAF05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08RAF05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08RAF05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08RAF05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPPVC08RAF06ACL020PVC	06	A	Overmold Cable	2m	PVC
PXPPVC08RAF08ACL010PVC	08	A	Overmold Cable	1m	PVC
PXPPNP08RAF04ACL015PVC	04	A	Overmold Cable	1.5m	PVC
PXPPNP08RAF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPPNP08RAF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPPNP08RAF04ACL075PVC	04	A	Overmold Cable	7.5m	PVC
PXPPNP08RAF04ACL100PVC	04	A	Overmold Cable	10m	PVC

M8 Right Angled Male



PXPTPU08RAM
PXPPVC08RAM

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



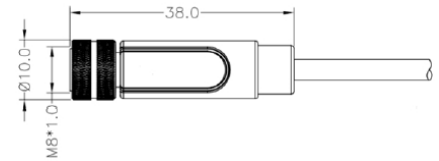
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08RAM03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08RAM03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08RAM03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08RAM03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08RAM03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08RAM03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08RAM03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08RAM03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08RAM03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08RAM03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08RAM03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08RAM03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC08RAM04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08RAM04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC08RAM04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08RAM04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08RAM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08RAM04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC08RAM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08RAM04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC08RAM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08RAM04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC08RAM04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08RAM04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC08RAM05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08RAM05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08RAM05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08RAM05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08RAM05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08RAM05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08RAM05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08RAM05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08RAM05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08RAM05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08RAM05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08RAM05BCL150PUR	05	B	Overmold Cable	15m	PUR

M8 Flex Body Female



PXPTPU08FBF
PXPPVC08FBF

- Available in 3, 4, 5, 6 & 8 poles
- 1,2,3,5,10 & 15M cable options
- Overmold Flex Body
- Mates with Flex Inline Body & panel mount connectors



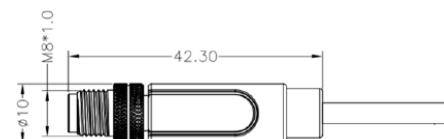
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08FBF03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08FBF03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08FBF03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08FBF03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08FBF03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08FBF03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08FBF03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08FBF03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08FBF03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08FBF03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08FBF03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08FBF03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC08FBF04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08FBF04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC08FBF04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08FBF04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08FBF04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08FBF04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC08FBF04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08FBF04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC08FBF04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08FBF04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC08FBF04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08FBF04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC08FBF05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08FBF05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08FBF05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08FBF05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08FBF05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08FBF05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08FBF05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08FBF05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08FBF05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08FBF05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08FBF05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08FBF05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPTPU08FBF06ACL020PUR	06	A	Overmold Cable	2m	PUR
PXPPNP08FBF08ACL010PVC	08	A	Overmold Cable	1m	PVC
PXPTPU08FBF04PCL010PUR	04	P	Overmold Cable	1m	PUR

M8 Flex Inline Body Male



PXPTPU08FIM
PXPPVC08FIM

- Available in 3, 4 and 5 poles
- 1,1.5,2,3,5,7.5,10 & 15M
- cable options
- Overmold Flex Inline Body
- Mates with Flex Body & panel mount connectors



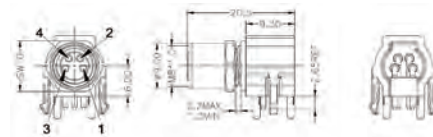
Part Number	Poles	Code	Termination	Lead Length	Cable Material
PXPPVC08FIM03ACL010PVC	03	A	Overmold Cable	1m	PVC
PXPTPU08FIM03ACL010PUR	03	A	Overmold Cable	1m	PUR
PXPPVC08FIM03ACL020PVC	03	A	Overmold Cable	2m	PVC
PXPTPU08FIM03ACL020PUR	03	A	Overmold Cable	2m	PUR
PXPPVC08FIM03ACL030PVC	03	A	Overmold Cable	3m	PVC
PXPTPU08FIM03ACL030PUR	03	A	Overmold Cable	3m	PUR
PXPPVC08FIM03ACL050PVC	03	A	Overmold Cable	5m	PVC
PXPTPU08FIM03ACL050PUR	03	A	Overmold Cable	5m	PUR
PXPPVC08FIM03ACL100PVC	03	A	Overmold Cable	10m	PVC
PXPTPU08FIM03ACL100PUR	03	A	Overmold Cable	10m	PUR
PXPPVC08FIM03ACL150PVC	03	A	Overmold Cable	15m	PVC
PXPTPU08FIM03ACL150PUR	03	A	Overmold Cable	15m	PUR
PXPPVC08FIM04ACL010PVC	04	A	Overmold Cable	1m	PVC
PXPTPU08FIM04ACL010PUR	04	A	Overmold Cable	1m	PUR
PXPPVC08FIM04ACL020PVC	04	A	Overmold Cable	2m	PVC
PXPTPU08FIM04ACL020PUR	04	A	Overmold Cable	2m	PUR
PXPPVC08FIM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPTPU08FIM04ACL030PUR	04	A	Overmold Cable	3m	PUR
PXPPVC08FIM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPTPU08FIM04ACL050PUR	04	A	Overmold Cable	5m	PUR
PXPPVC08FIM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPTPU08FIM04ACL100PUR	04	A	Overmold Cable	10m	PUR
PXPPVC08FIM04ACL150PVC	04	A	Overmold Cable	15m	PVC
PXPTPU08FIM04ACL150PUR	04	A	Overmold Cable	15m	PUR
PXPPVC08FIM05BCL010PVC	05	B	Overmold Cable	1m	PVC
PXPTPU08FIM05BCL010PUR	05	B	Overmold Cable	1m	PUR
PXPPVC08FIM05BCL020PVC	05	B	Overmold Cable	2m	PVC
PXPTPU08FIM05BCL020PUR	05	B	Overmold Cable	2m	PUR
PXPPVC08FIM05BCL030PVC	05	B	Overmold Cable	3m	PVC
PXPTPU08FIM05BCL030PUR	05	B	Overmold Cable	3m	PUR
PXPPVC08FIM05BCL050PVC	05	B	Overmold Cable	5m	PVC
PXPTPU08FIM05BCL050PUR	05	B	Overmold Cable	5m	PUR
PXPPVC08FIM05BCL100PVC	05	B	Overmold Cable	10m	PVC
PXPTPU08FIM05BCL100PUR	05	B	Overmold Cable	10m	PUR
PXPPVC08FIM05BCL150PVC	05	B	Overmold Cable	15m	PVC
PXPTPU08FIM05BCL150PUR	05	B	Overmold Cable	15m	PUR
PXPPNP08FIM04ACL015PVC	04	A	Overmold Cable	1.5m	PVC
PXPPNP08FIM04ACL030PVC	04	A	Overmold Cable	3m	PVC
PXPPNP08FIM04ACL050PVC	04	A	Overmold Cable	5m	PVC
PXPPNP08FIM04ACL075PVC	04	A	Overmold Cable	7.5m	PVC
PXPPNP08FIM04ACL100PVC	04	A	Overmold Cable	10m	PVC
PXPPVC08FIM04PCL010PVC	04	P	Overmold Cable	1m	PVC

M8 Right Angle PCB Mount



PXMBNI08RAF
PXMBNI08RAM

- Available in 3 & 4 poles
- PCB Termination
- Mates with Flex Inline Body & Flex Body



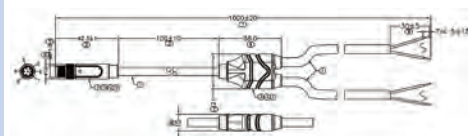
Part Number	Poles	Code	Termination
PXMBNI08RAF03APCM8	03	A	PCB Terminal
PXMBNI08RAF04APCM8	04	A	PCB Terminal
PXMBNI08RAM03APCM8	03	A	PCB Terminal
PXMBNI08RAM04APCM8	04	A	PCB Terminal

M8 Y-Splitters



PXPPVC08FIM

- Available in 6 & 8 poles
- Overmold Flex Body
- Mates with Flex Body



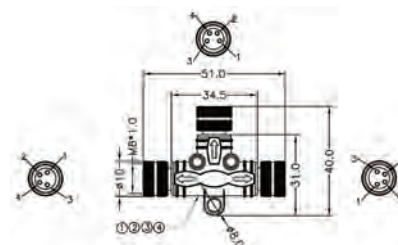
Part Number	Poles	Code	Termination
PXPPVC08FIM06AYT010PVC	06	A	Overmold Cable
PXPPVC08FIM08AYT010PVC	08	A	Overmold Cable

M8 T-Splitters



PXPPVC08TSMM
PXPPVC08TSFF

- Available in 3 & 4 poles
- Mates with Flex Inline Body & Flex Body



Part Number	Poles	Code	Termination
PXPPVC08TSMM04AFIIFI	04	A	Male-Male-Male
PXPPVC08TSMM03AFIIFI	03	A	Male-Male-Male
PXPPVC08TSFF04AFBBFB	04	A	Female-Female-Female
PXPPVC08TSFF03AFBBFB	03	A	Female-Female-Female

Electrical

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

Mechanical:

Locking Mechanism:	Screw coupling
Sealing:	IP67
Contact Accommodation:	
3, 4 & 5 Pole	28AWG-22AWG
Cable Acceptance:	3.0 - 3.5 mm Dia
Terminations:	
3 Pole	Single wire / PCB / Cable Screw / Solder
4 Pole	Single wire / PCB / Cable Screw / Solder
5 Pole	Single wire / PCB / Cable Screw / Solder
6 Pole	Single wire / PCB / Cable Screw / Solder
8 Pole	Single wire / PCB / Cable Screw / Solder
Mechanical Operation:	500 mating cycles
Diameter over coupling ring:	12.5mm

Materials:

Panel Mount:

Cable Connectors:

Flex & Inline Connectors:

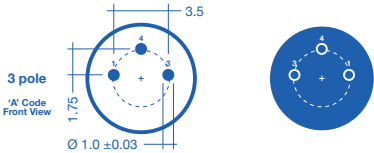
Body:	Nickel Plated Brass	TPU / PVC	Nickel Plated Brass / PA66
Coupling Nut:	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Colour:	Grey	Black	Black or Grey
Pin Contacts:	Brass, Gold plating	Brass, Gold plating	Brass, Gold plating
Socket Contacts:	Phosphor Bronze, Gold plating	Phosphor Bronze,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

XXX	XXX	XX	XX	X	XX	X	XX
Series	Material	Series Size	Body Style	Orientation	NO. Contacts	Code	Termination
PXM	BNI = Brass Nickel	08	FB = Flex Body	M	03	A	ST = Screw Terminal
PXP	PAM = Polyamide		FI = Flex Inline Body	F	04	B	PC = PCB
	TPU = overmold for PUR		FP = Front Panel Mounting		05	P	FL = Flying Lead
	PVC = overmold for PVC		RP = Rear Panel Mounting	T-Split =	06		CL = Cable
	PNP = LED PNP		RA = Right Angle	MM	08		SC = Solder
			TS = T-Splitter	MF			YT = Y-Type
							T-Split Only =
							FIIFI
							FBIFB
							FBBFB

XXX	XXX	XXX
Mounting Nut	Lead Length	Cable Material
M12	001	PUR
M16	002	PVC
	003	
	010	
	020	
	030	
	050	
	075	
	100	
	150	

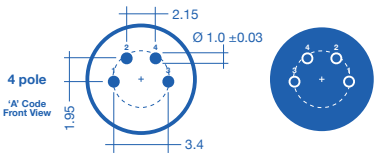
Contact Diagrams:

XXXXXXXXXXM03XXXXXXXXXX
XXXXXXXXXXF03XXXXXXXXXX



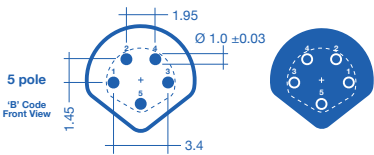
P1	PAIR	WIRE COLOUR	P2
1		BROWN	1
3		BLUE	3
4		BLACK	4

XXXXXXXXXXM04XXXXXXXXXX
XXXXXXXXXXF04XXXXXXXXXX



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

XXXXXXXXXXM05XXXXXXXXXX
XXXXXXXXXXF05XXXXXXXXXX



P1	PAIR	WIRE COLOUR	P2
1		BROWN	1
2		WHITE	2
3		BLUE	3
4		BLACK	4
5		GREY	5
6		PINK	6