

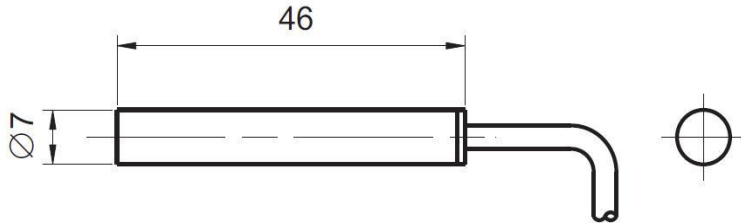
## INDUCTIVE PROXIMITY SENSOR



Italsensor S.r.l.  
Via Ferrua 1 ("Z.I. La Porporata")  
Pinerolo (TO), 10064, ITALY  
Tel. +39.0121.502292  
www.italsensor.com  
info@italsensor.com

**Family model**

**IS-LM6**



		Detection distance			1mm
		Flush Shielded	DC: 6÷36V	NPN	NO
NC	IS-LM6-3001NB				
NO+NC					
PNP	NO			IS-LM6-3001PA	
	NC			IS-LM6-3001PB	
	NO+NC				
Two wire system	NO		IS-LM6-3001LA		
	NC		IS-LM6-3001LB		
	AC: 90÷250V		SCR Control label silicon	NO	IS-LM6-2001A
				NC	IS-LM6-2001B
NO+NC					
		Relay output			
		Detection distance			1,5mm
Non-flush Not shielded	DC: 6÷36V	NPN	NO	IS-LM6-3002NA	
			NC	IS-LM6-3002NB	
			NO+NC		
		PNP	NO	IS-LM6-3002PA	
			NC	IS-LM6-3002PB	
			NO+NC		
	Two wire system	NO	IS-LM6-3002LA		
		NC	IS-LM6-3002LB		
		AC: 90÷250V	SCR Control label silicon	NO	IS-LM6-2002A
				NC	IS-LM6-2002B
NO+NC					
		Relay output			
Output current		DC		150mA	
		SCR/Relay		-	
Output voltage drop DC/AC			DC(NPN, PNP)<3V, Two-wires<3.9V AC<10V		
Current consumption			DC (NPN, PNP) 12V@8mA, 24V@15mA, AC<10mA		
Standard detected object			6×6×1 mm (A3 iron)		
Repeatability			0,01		
DC/AC Response frequency			500Hz		
Working temperature			-25°C ÷ 75°C		
Insulation resistance			≥30MΩ		
Housing material			Metal		
Protection grade			IP67		