

# INDUCTIVE PROXIMITY SENSOR



azienda con sistema qualità certificato ISO9001  
company with ISO9001 certified quality system

**Italsensor S.r.l.**

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Family model		IS-LM18		
"Flush Shielded"	Detection distance		5mm	
	DC: 6÷36V	NPN	NO	IS-LM18-3005NA
			NC	IS-LM18-3005NB
			NO+NC	IS-LM18-3005NC
		PNP	NO	IS-LM18-3005PA
			NC	IS-LM18-3005PB
			NO+NC	IS-LM18-3005PC
	Two wire system	NO	IS-LM18-3005LA	
		NC	IS-LM18-3005LB	
	AC: 90÷250V	SCR Control label silicon	NO	IS-LM18-2005A
NC			IS-LM18-2005B	
NO+NC			IS-LM18-2005C	
Relay output				
"Non-flush Not shielded"	Detection distance		8mm	
	DC: 6÷36V	NPN	NO	IS-LM18-3008NA
			NC	IS-LM18-3008NB
			NO+NC	IS-LM18-3008NC
		PNP	NO	IS-LM18-3008PA
			NC	IS-LM18-3008PB
			NO+NC	IS-LM18-3008PC
	Two wire system	NO	IS-LM18-3008LA	
		NC	IS-LM18-3008LB	
	AC: 90÷250V	SCR Control label silicon	NO	IS-LM18-2008A
NC			IS-LM18-2008B	
NO+NC			IS-LM18-2008C	
Relay output				
Output current	DC	200mA		
	SCR/Relay	300mA		
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		18×18×1 mm (A3 iron)		
Repeatability		0,02		
DC/AC Response frequency		200Hz/25Hz		
Working temperature		-25°C ÷ 75°C		
Insulation resistance		≥50MΩ		
Housing material		Metal		
Protection grade		IP67		