



AMPLIFIED INDUCTIVE SENSORS

Ø 18 INCREASED RANGE

10÷30 V DC - 2 WIRES NO-NC PROGRAMABLE OUTPUT

- Range, 8mm to 14mm - shielded, not shielded
- Cable or M12 quick connect models
- Nickel plated brass

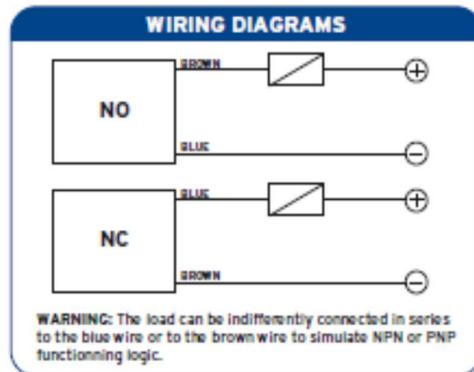


IS Series

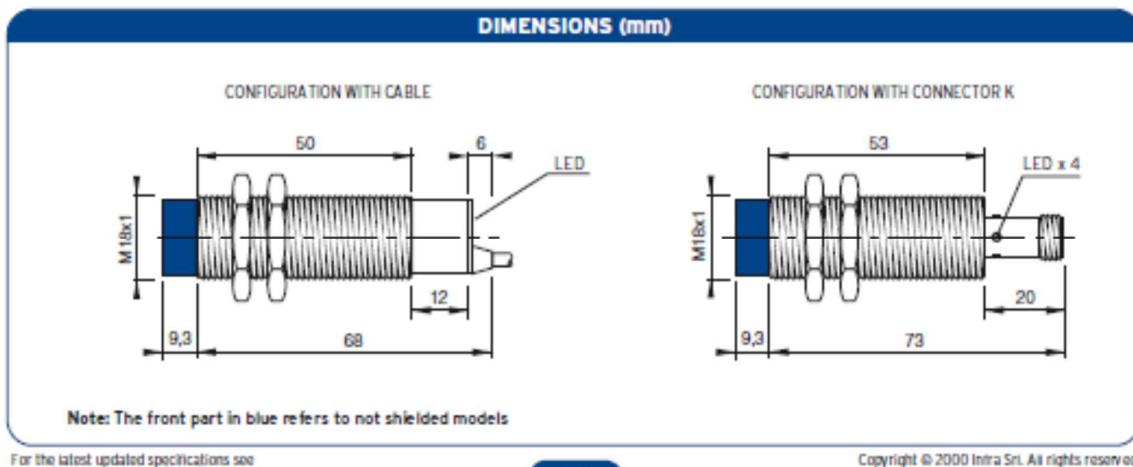


IDENTIFICATION CODE			
IS	13	D	K
SERIES IS			
NO-NC PROGRAMMABLE OUTPUT - Shielded	13		
NO-NC PROGRAMMABLE OUTPUT - Not shielded	19		
INCREASED RANGE			
CONNECTOR OUTPUT M12			

	SHIELDED	NOT SHIELDED
NOMINAL SWITCHING DISTANCE (S _n)	8 mm	14 mm
NOMINAL VOLTAGE	10÷30 VDC (-15/+10%)	
RESIDUAL RIPPLE	≤ 10%	
HYSTERESIS	< 10%	
MAX. OUTPUT CURRENT	100 mA	
MIN. OUTPUT CURRENT	> 1,6 mA	
RESIDUAL CURRENT	< 1,6 mA	
VOLTAGE DROP	< 6,5 V (I = 100 mA)	
OPERATION LED	Yellow	
SWITCHING FREQUENCY	400 Hz	
START UP DELAY	≤ 50 ms	
REPEATABILITY	≤ 3%	
SHORT CIRCUIT PROTECTION	Present (self-resetting)	
ELECTRIC PROTECTIONS	Against polarity reversal - inductive loads	
TEMPERATURE LIMITS	- 25 ÷ +70 °C	
PROTECTION DEGREE	IP 67	
CABLE LENGTH	2 m	
CABLE SECTION	2 x 0.25 mm ²	
HOUSING MATERIAL	Nickel-plated brass	
WEIGHT - Cable output -	145 g	
WEIGHT - K connector output -	95 g	



CONNECTION WITH CONNECTOR M12 (K)				
View of quadripole male connector				
CONTACTS CONFIGURATION				
Available	Contacts numbers			
	1	2	3	4
NO	+		—	
NC	—		+	



For the latest updated specifications see our web site: www.intrainternational.com