

IB1104		
Inductive proximity sensor		
Metal thread M12 x 1.0		
Cable		
Size 48mm		
Sensing range 4mm[f]		
Flush		
Electric design		DC 3 Wire
Output		NPN NC
Operating voltage [V]		10...36 DC
Current loading [mA]		100
Short-circuit protection		Yes
Reverse polarity protection		Yes
Overload protection		Yes
Voltage drop [V]		<3
Consumed current[mA]		<10
Real sensing range [mm]		4±10%
Operating range [mm]		0...3.2
Switch-point drift [%/Sr]		-10...10
Hysteresis [%/Sr]		3...20
Switching frequency [Hz]	700	
Adjustment factors	Low carbon steel=1 /Stainless steel approx 0.7 /Brass approx 0.5 / Alumium approx 0.4 / Copper approx 0.3	
Operating temperature [°C]	-25...75	
Ambient humidity	35...95	
Protection classification	IP67	
Dimension		
Housing material	Stainless steel , Sensing face: PBT	
Switching state display LED	Red (90°)	
Connection	PVC-Cable /2m;3x0.14mm <sup>2</sup>	
Wiring		
Core color		
BN +		
BU -		
BK Signal Line		
Accessory(Included)	Two fixed nuts	