

IB1102		
Inductive proximity sensor		
Metal thread M12 x 1.0		
Cable		
Size 48mm		
Sensing range 4mm[f] Flush		
Electric design	DC 3 Wire	
Output	PNP 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]	<2.5	
Consumed current[mA]	<15	
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;3x0.14mm2	
Wiring		
Core color		
BN +		
BU -		
BK Signal Line		
Accessory(Included)	Two fixed nuts	