

<p>IA1023 Inductive proximity sensor Metal thread M8 x 1.0 Socket Size 54mm Sensing range 2.5mm[nf] Non-flush</p>	
Electric design	DC 2 Wire
Output	NO
Operating voltage [V]	10...36 DC
Current loading [mA]	100
Short-circuit protection	Yes
Reverse polarity protection	Yes
Overload protection	Yes
Voltage drop [V]	< 4.6
Leakage current[mA]	< 0.8(24VDC)
Real sensing range [mm]	2.5±10%
Operating range [mm]	0...2
Switch-point drift [%/Sr]	-10...10
Hysteresis [%/Sr]	1...15
Switching frequency [Hz]	1500
ESD[KV]	6kV III
EFT[KV]	2kV III
Walkie talkie experiment[mm]	<1
Adjustment factors	Low carbon steel=1 /Stainless steel approx 0.7 /Brass approx 0.4 /
Operating temperature [°C]	-25°C...80°C
Protection classification	IP67
Notes	The safety function of products must be checked after suffering short-circuit
Dimension	
Housing material	Stainless steel; Sensing face: PBT+GF
Switching state display LED	Red (90°)
Connection	M8 Socket
<p>Wiring</p> <p>Core color</p> <p>BN + BU - BK Sig</p>	<p>Using small-sized fuse ≤2A (fastly use) as indicated in the picture.</p>
Accessory(Included)	Two fixed nuts