

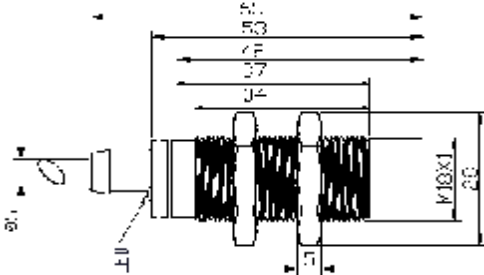
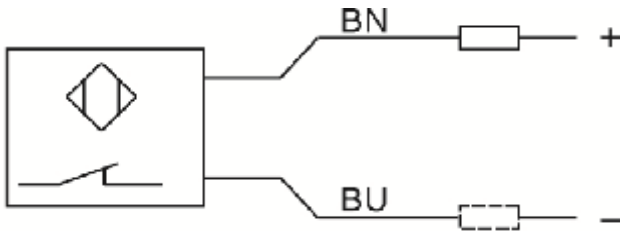



<p>IC1020 Inductive proximity sensor Metal thread M18 x 1.0 Cable Size 53mm  Sensing range 8mm[nf] Non-Flush</p>	
Electric design	DC 2 Wire
Output	NC 
Operating voltage [V]	10...36 DC
Current loading [mA]	250
Short-circuit protection	Yes
Reverse polarity protection	Yes
Overload protection	Yes
Voltage drop [V]	< 4.3 DC
Consumed current[mA]	<1 (24VDC)
Real sensing range [mm]	8±10%
Operating range [mm]	0...6.4
Switch-point drift [%/Sr]	-10...10
Hysteresis [%/Sr]	1...15
Switching frequency [Hz]	70
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 / Aluminum approx 0.3 / Copper approx 0.2
Operating temperature [°C]	-25°C...80°C
Protection classification	IP67
Notes	Safety function of products must be checked after suffering short-ci
Dimension	
Housing material	Stainless steel , Sensing face: PBT
Switching state display LED	Red(90° )
Connection	PVC Cable /2m; 2x0.34mm <sup>2</sup>
<p>Wiring Core color</p> <p>BN + BU - BK Signal Line</p>  	<p>BN</p> <p>BU</p> <p>+</p> <p>-</p>
Accessory(Included)	Two fixed nuts