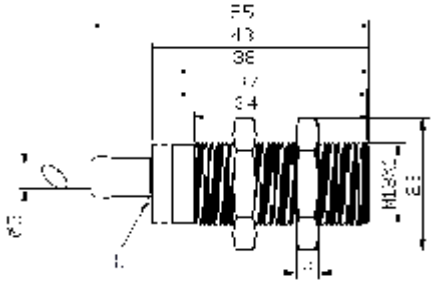
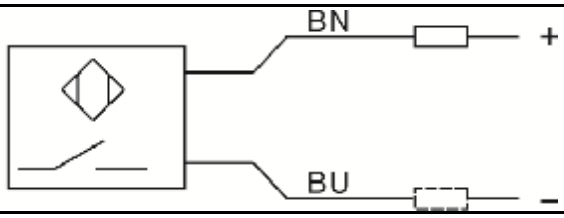
IC1017 Inductive proximity sensor Metal thread M18 x 1.0 Cable Size 43mm Sensing range 5mm[f] Flush	
Electric design	DC 2 Wire
Output	NO
Operating voltage [V]	10…36 DC
Current loading [mA]	250
Short-circuit protection	Yes
Reverse polarity protection	Yes
Overload protection	Yes
Voltage drop [V]	< 4.3 DC
Consumed current[mA]	<1 (24VDC)
Real sensing range [mm]	5±10%
Operating range [mm]	0…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 / Alumium approx 0.3 / Copper approx 0.2
Operating temperature [℃]	-25℃…80℃
Protection classification	IP67
Notes	The safety function of products must be checked after suffering short-circuit
Dimension	
Housing material	Stainless steel , Sensing face: PBT
Switching state display LED	Red(90°)
Connection	PVC Cable /2m;2x0.34mm²
Wiring Core color BN + BU - BK Signal Line	 Two fixed nuts