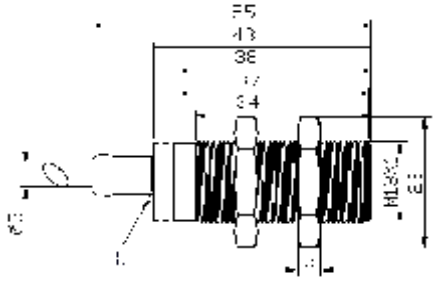
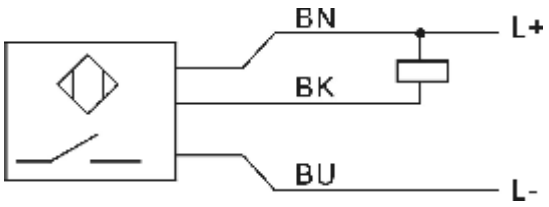
IC1003 Inductive proximity sensor Metal thread M18 x 1.0 Cable Size 43mm Sensing range 5mm[f] Flush	
Electric design	DC NPN
Output	NO
Operating voltage [V]	10…36 DC
Current loading [mA]	250
Short-circuit protection	Yes
Reverse polarity protection	Yes
Overload protection	Yes
Voltage drop [V]	<2.5
Consumed current[mA]	<15(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]	400
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
Dimension	
Housing material	Stainless steel , Sensing face: PBT
Switching state display LED	Red(90°)
Connection	PVC Cable /2m;3x0.34mm²
Wiring Core color BN + BU - BK Signal Line	
Accessory(Included)	Two fixed nuts