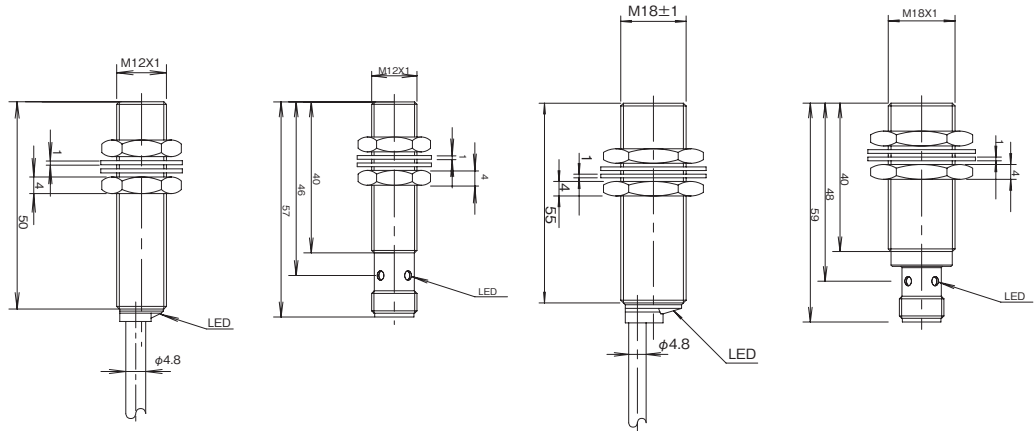


Inductive Proximity switches  
Steel face/Aluminum chip non-detectable

DC 3-wire/Tubular  
M12/M18  
Sn 1.6/4mm

Housing size	M12 x 1	M12 x 1	M18 x 1	M18 x 1
Mounting type	Non-shield A	Non-shield A	Non-shield A	Non-shield A
Rated operating distance(Sn)	1.6mm	1.6mm	4mm	4mm
Assured operating distance(Sa)	0...1.28mm	0...1.28mm	0...3.2mm	0...3.2mm



Type	PNP	N.O.	BM5 1202P-PU2	BM5 1202P-S4	BM5 1804P-PU2	BM5 1804P-S4
Rated operational voltage(Ue)			24V DC	24V DC	24V DC	24V DC
Supply voltage(U <sub>B</sub> )			21.6...26.4V DC	21.6...26.4V DC	21.6...26.4V DC	21.6...26.4V DC
Voltage drop(U <sub>d</sub> )			≤1.5V	≤1.5V	≤1.5V	≤1.5V
Rated operational current(I <sub>a</sub> )			200mA	200mA	200mA	200mA
No-load supply current(I <sub>0</sub> )			≤20mA	≤20mA	≤20mA	≤20mA
Off-state current(I <sub>r</sub> )			≤0.08mA	≤0.08mA	≤0.08mA	≤0.08mA
Circuit protection			polarity, Short circuit	polarity, Short circuit	polarity, Short circuit	polarity, Short circuit
Ambient temperature (T <sub>a</sub> )			0...+50degrees C	0...+50degrees C	0...+50degrees C	0...+50degrees C
Frequency of operation(f)			10Hz	10Hz	10Hz	10Hz
Function indication			Yes	Yes	Yes	Yes
Protection class per IEC60529			IP67	IP67	IP67	IP67
Material	Housing		Stainless steel(SUS303)	Stainless steel(SUS303)	Stainless steel(SUS303)	Stainless steel(SUS303)
	Active surface		Stainless steel(SUS303)	Stainless steel(SUS303)	Stainless steel(SUS303)	Stainless steel(SUS303)
	Nut		鉄	鉄	鉄	鉄
Connection			Cable	connector/M12	Cable	connector/M12
Cable	Outer sheath		PUR		PUR	
	Diameter/core		φ 4.8mm/3 x 0.34mm <sup>2</sup>		φ 4.8mm/3 x 0.34mm <sup>2</sup>	
	Length		2m		2m	
Remarks						

Global Version

Standard

Extended distance

Aluminum chip non-detectable

Multi metal

Weld immune

Weld splatter resistance

Steel face

Temperature rated

Pressure rated

ATEX