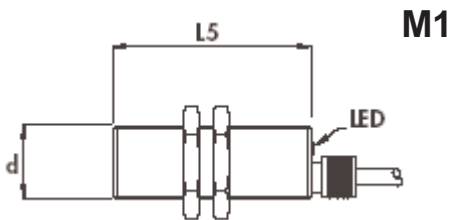


M18 18mm Inductive Stainless Steel Face + Body 5mm range Harsh Duty IP68 Solid Stainless



L5

M1 (45mm)

shielded

M18 18mm Solid Stainless Steel Inductive Proximity Sensor Harsh Duty IP68

5 mm shielded range

3 wire 10-30VDC

miniaturized body design

2 meter standard integrated cable

IP68 protection degree

protection from electrical damages

Stainless Steel Face + Housing

Parts Matrix

inductive sensor series	X
M18 18mm diameter body	18
harsh duty solid stainless steel standard ranges	J
stainless steel	S
3 wire device	3
PNP output	P
NPN output	N
NO normally open	1
NC normally closed	2
shielded	S
2m standard integrated cable	M1
range (mm)	5mm
load current	200mA

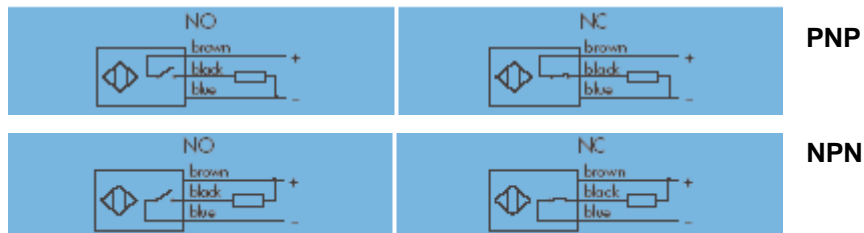
PARTS INDEX

X18JS3P1SM1B
X18JS3P2SM1B
X18JS3N1SM1B
X18JS3N2SM1B

SPECIFICATIONS

PNP NO SHIELDED M1
PNP NC SHIELDED M1
NPN NO SHIELDED M1
NPN NC SHIELDED M1

Wiring Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	5 mm
Operating Distance	-
Differential Travel	10% Typ
Repeat Accuracy R	2%
Operating Voltage U_b	10-30VDC
Ripple U_{pp}	<20% U_b
No-load Supply	20mA
Load Current I_a	<250mA
Leakage Current	<10uA
Voltage Drop U_d	1.2V max.
Output Type	PNP or NPN NO or NC
Switching Frequency	50Hz
Time Delay Before Availability t_v	100ms
Supply Electrical Protections	polarity reversal, transient
Output Electrical Protections	short circuit protection (autoreset)
Ambient Temperature T_a	-25--+75C
Temperature Drift	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP68
Housing Material	stainless steel
Sensing Face Material	stainless steel
Weight (approximate)	130g (M1)