

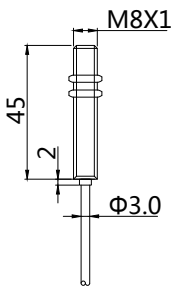
Features:

- M8*1 mm , Full stainless steel housing;
- 2mm , flush mountable;
- DC 3-wire , switching output;
- Cable

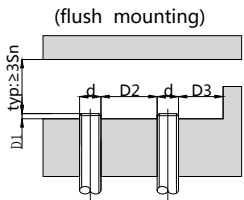
RoHS

CE

Dimensioned drawing



Mounting



Sn	D1	D2	D3
M802	≥0	≥8	≥8

⚠ Tightening torque of the fastening screws: <10Nm!

Correction Factor	
Nav-ferrous metal	Factor
Fe360	1
Aluminum	0.35~0.45
Brass	0.35~0.5
Copper	0.25~0.45
Stainless steel	0.6~1.0
Cast Iron	0.93~1.05
Nickel	0.65~0.75

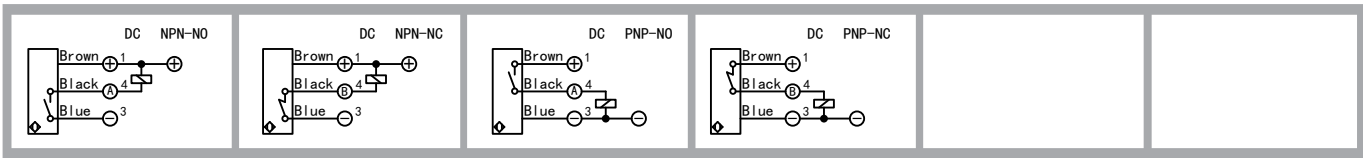
Model No.

Sensing range	Sn:2 mm
NPN N. O	SIMF-M8-02N-V11-PV2
NPN N. C	SIMF-M8-02N-V21-PV2
PNP N. O	SIMF-M8-02P-V11-PV2
PNP N. C	SIMF-M8-02P-V21-PV2

Technical data

Electrical data	Operating voltage	10-30V DC
	Switching frequency	100Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	100mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<1.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
Environment	Overload protection	Yes
	Polarity reversal protection	Yes
	Ambient temperature	-25...70°C
Mechanical data	Ingress protection	IP67
	Housing material	Stainless steel
Electrical connection	Face material	Stainless steel
	Connectors	PVC cable/2m ; 3*0.18mm²

Wiring



General Information

Inductive Sensors

Capacitive Sensors

Photoelectric Sensors

Ultrasonic Sensors

Solid state relay series

Connectors

Accessories

Index Of Types