

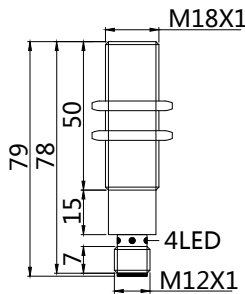


Features:

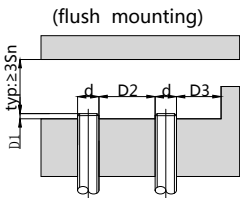
- M18*1 mm , Full stainless steel housing;
- 5mm , flush mountable;
- DC 2-wire , switching output;
- Connector versions

RoHS **CE**

Dimensioned drawing



Mounting



Sn	D1	D2	D3
M1805	≥0	≥18	≥18

⚠ Tightening torque of the fastening screws: <40Nm!

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: 5 mm
N. O	SIMF-M18-05C-V13-M12
N. C	SIMF-M18-05C-V23-M12

Technical data

Electrical data	Operating voltage	10-60V DC
	Switching frequency	100Hz
	Voltage drop	≤4.5V
	Leakge current	≤0.8mA
	Load current	200mA
	Hysteresis	<15%(Sr)
	Repeatability	<1.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
	Overload protection	Yes
Environment	Ambient temperature	-25...70°C
	Ingress protection	IP67
Mechanical data	Housing material	Stainless steel
	Face material	Stainless steel
Electrical connection	Connectors	M12 connector

Wiring

