

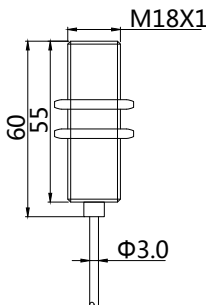


Features:

- M18*1 mm , Metal housing;
- 5mm , flush mountable;
- DC 3-wire , switching output;
- Withstand High-temperatures(-25...120°C);
- Cable

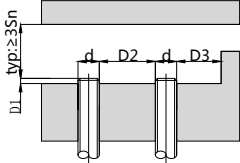
RoHS **CE**

Dimensioned drawing



Mounting

(flush mounting)



Sn	D1	D2	D3
M1805	≥0	≥18	≥18

⚠ Tightening torque of the fastening screws: <20Nm!

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
NPN	SIHF-M18-05P-V11-PTFE2-120
PNP	SIHF-M18-05N-V11-PTFE2-120

Technical data

Electrical data	Operating voltage	10-30V DC
	Switching frequency	800Hz/120°C
	Voltage drop	≤1.8V
	Leakge current	<0.01mA
	Load current	100mA/24V DC
	No load current	≤10mA
	Hysteresis	3-15%(Sr)
	Repeatability	<3.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
Overload protection	Yes	
Polarity reversal protection	Yes	
Environment	Ambient temperature	-25...120°C
	Ingress protection	IP66
Mechanical data	Housing material	Stainless steel
	Face material	PTFE
Electrical connection	Connectors	PTFE cable/2m ; 3*0.18mm ²

Wiring



General Information

Inductive Sensors

Capacitive Sensors

Photoelectric Sensors

Ultrasonic Sensors

Solid state relay series

Connectors

Accessories

Index Of Types