

Features:

- The sensor element' s temperature range -25...250°C;
- Between sensor and amplifier' s 3m cable,Metallic shield;
- Move minimum bending radius of 15cm

RoHS CE

Model No.

High temp. sensor SIHN-M50-24

Technical data

Switching frequency	0...20Hz
Hysteresis	0.3...5 typical value 2%
Standard	IEC/EN60947-5-2-2004
Ambient temperature	-25...250°C
Rated operating distance	30mm
Reliable working range	0...24mm
mounting	non-flush mountable
Wiring form	LEMO connector
Housing material	Stainless steel
Ingress protection	IP65

Features:

- M12 threaded cylindrical shell, suitable for piercing/bracket assembly
- LED yellow indicator, stainless steel housing, factory calibration
- Polarity reversal protection,Overload protection,Short circuit protection, Ingress protection IP67

High temp. amplifier	NPN NO	SIHTA-M12-V11-PUR2
	NPN NC	SIHTA-M12-V21-PUR2
	PNP NO	SIHTA-M12-V11-PUR2
	PNP NC	SIHTA-M12-V21-PUR2

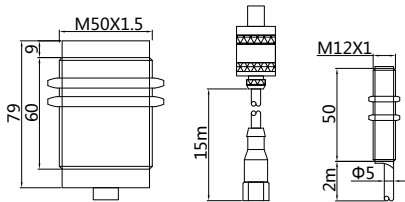
Technical data

Operating voltage	10-30VDC
No load current	<10mA
Maximum load current	200mA
Voltage drop	<2.0VDC
Ambient temperature	-25...70°C

High temp. cable SHTC-3M

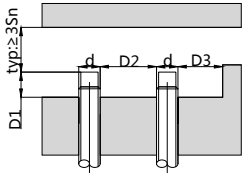
Cable length	3m (length can be customized)
Material	KFF46PH cable

Dimensioned drawing



Mounting

(non-flush mounting)



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

Wiring

