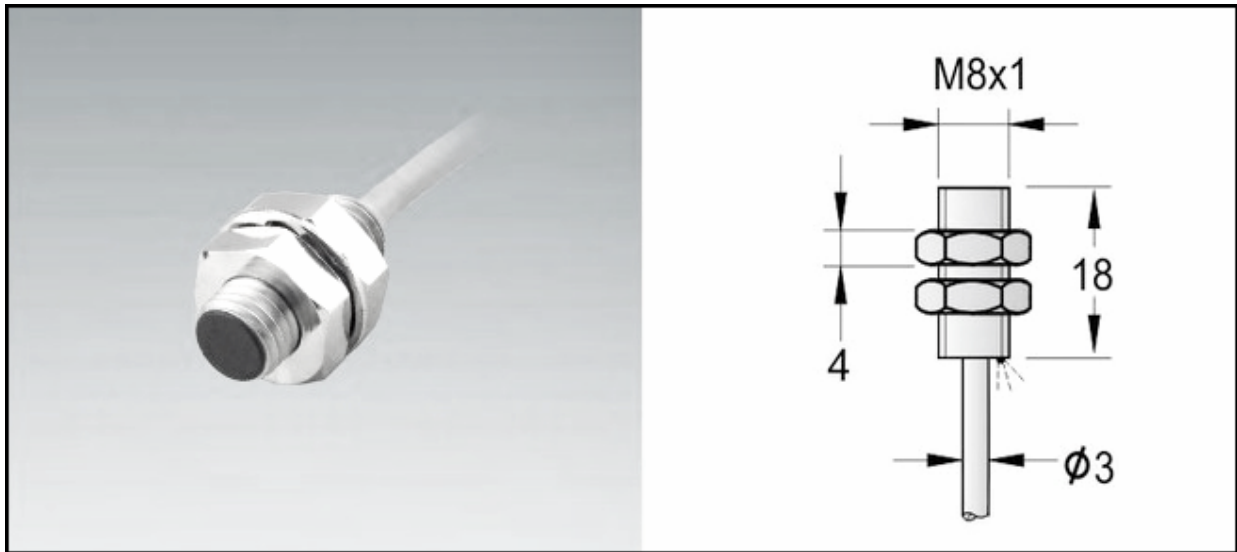


Miniature Proximity Switch, TDIS-M8-xxxx



Technical Data

Dimension	M8 x 18mm
Shielded	Shielded
Switching Distance Sn: (mm)	1mm or 2mm
Housing Material	Stainless steel
Function indication	LED
Operating Voltage	10 - 30VDC
Ripple	<10%
No Load Current	<10mA
Max. Load Current	150mA
Leakage Current	<0.01mA
Voltage Drop	<1.5V
Switching Frequency	2 kHz
Response Time	0.1ms
Switching Hysteresis	<15%(Sr)
Protection Category	IP67
Operating Temperature	-25°C - +70°C
Temperature Drift	<10%(Sr)
Short Circuit Protection	YES
Overload Trip Point	180mA
EMC	RFI>3V/M / EFT>1KV / ESD>4KV(contact)
Shock/Vibration	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2
Supply voltage	DC, 10-30V
Model	3wire, NPN, NC or 3 wire PNP, NC

Ordering code:

TDIS – M8 – S – [SN] – [T]

SN

1 (for Sn=1mm)

2 (for SN=2mm)

Type

N-NC (for NPN, NC)

P-NC (for PNP, NC)