

VTIN/1808P-FE54

Inductive Proximity Sensor

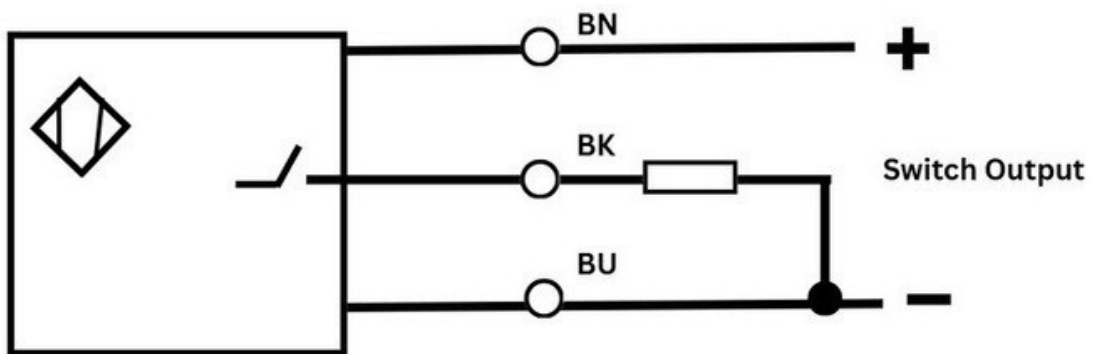


Working principle	Inductive Proximity Sensor
Housing style	Cylindrical
Installation type	Flush
Sensing distance	8.0mm±10%
Thread size	M18
Sensing Surface Material	PBT
Detected objects	Metal sensor

Technical Data

Indicator	Operating status: LED
Sensing range adjustment	None
Switching output	Normally open
Output Mode	PNP
External input	None
Switching frequency	0.5 kHz
Repeatability	1%
Hysteresis	15% or less
Operating Voltage	10~30V DC±10%
Current Consumption	≤10mA
Residual Voltage	1.5 V or less
Load Current	150mA
Leakage Current	< 0.01 mA
Insulation Resistance	≥50MΩ (500VDC) between power terminal and housing
Dielectric strength	1000VAC (50/60Hz), 1 minute between the power terminal and housing
Vibration Resistance	10 to 55Hz, amplitude 1.5mm, X/Y/Z axis, 2 hours each
Circuit Protection	Short circuit protection
Operating temperature	-25~+75°C
Protection rating	IP67
Dimensions	M18x82.0mm
Material	Nickel-copper alloy +PBT
Weight	0.08kg
Connection type	M12/4 pin connector
Operating humidity	35~85%

Connecting Diagram (PNP-Output)



1. Please connect the sensor as per above wiring diagram .
2. If the wires are not connected as per connection diagram shown above, the sensor may get defective or not work

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