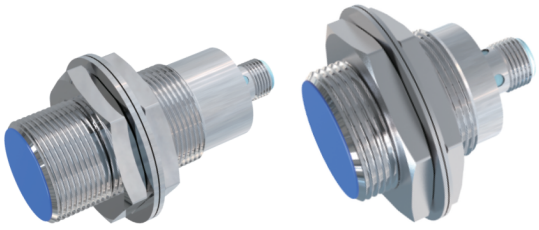
M30 Cylindrical Inductive Proximity Sensor

BIDS-M30-F10-F16-S124-S series · Operating Voltage: 10...60VDC(±10%) · Switching Freq.: 300Hz / 150Hz

IP67
Ingress Protection



①② ③④

KEY SPECIFICATIONS

OPERATING VOLTAGE 10...60VDC(±10%)	SWITCHING FREQ. 300Hz / 150Hz
AMBIENT TEMP. -25...70°C	HOUSING M30*1.5mm
INGRESS PROTECTION IP67	

FEATURES

- Flush mounting
- Strong anti-interference ability
- Multiple connection options available

MODEL CODES

Output Type	①	②	③	④
N.O	BIDS-M30-D13F10-S124 SKU 10104015	BIDS-M30-D13F16-S124 SKU 10104245	BIDS-M30-D13F10-S124-S SKU 10104017	BIDS-M30-D13F16-S124-S SKU 10104247
N.C	BIDS-M30-D23F10-S124 SKU 10104016	BIDS-M30-D23F16-S124 SKU 10104246	BIDS-M30-D23F10-S124-S SKU 10104018	BIDS-M30-D23F16-S124-S SKU 10104248

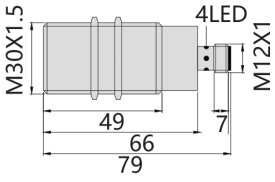
TECHNICAL DATA

Exterior structure	M30*1.5mm
Sensing distance	①: 10mm(Flush) ②: 16mm(Flush) ③: 10mm(Flush) ④: 16mm(Flush)
Switching frequency	①: 300Hz ②: 150Hz ③: 300Hz ④: 150Hz
Operating voltage	10...60VDC(±10%)
Voltage drop	≤4.5V
Load current	200mA
Residual signal	≤0.5mA
Hysteresis	<15%(Sr)

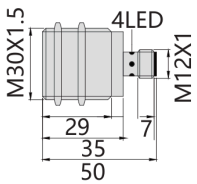
Repeatability	<1.0%(Sr)
Switch protection	Short-circuit protection, Polarity reversal protection, Power-on
LED indicator	With (Action: LED Indicator Lights Up)
Ambient temperature	-25...70°C
Ingress protection	IP67
Housing material	Brass, nickel-plated
Sensing face material	PBT
Connection	M12 Connector
Accessories	M12 4 pin cable with connector

DIMENSIONAL DRAWINGS

M30X79 Connector ①②



M30X48 Connector ③④



All dimensions in mm.