M30 Cylindrical Inductive Proximity Sensor

BIDS-M30-N15-N25-N40-S124-S series · Operating Voltage: 10...30VDC(±10%) · Switching Freq.: 300Hz / 100Hz

IP67
Ingress Protection



KEY SPECIFICATIONS

OPERATING VOLTAGE **10...30VDC(±10%)**	SWITCHING FREQ. **300Hz / 100Hz**
AMBIENT TEMP. **-25...70°C**	HOUSING **M30*1.5mm**
INGRESS PROTECTION **IP67**	

FEATURES

- Non-flush mounting
- Middle and long distance detection
- Multiple connection options available

MODEL CODES

Output Type			
NPN N.O	**BIDS-M30-N11N15-S124-S** SKU 10104130	**BIDS-M30-N11N25-S124-S** SKU 10104297	**BIDS-M30-N11N40-S124-S** SKU 10104341
NPN N.C	**BIDS-M30-N21N15-S124-S** SKU 10104131	**BIDS-M30-N21N25-S124-S** SKU 10104298	**BIDS-M30-N21N40-S124-S** SKU 10104342
PNP N.O	**BIDS-M30-P11N15-S124-S** SKU 10104132	**BIDS-M30-P11N25-S124-S** SKU 10104299	**BIDS-M30-P11N40-S124-S** SKU 10104343
PNP N.C	**BIDS-M30-P21N15-S124-S** SKU 10104133	**BIDS-M30-P21N25-S124-S** SKU 10104300	**BIDS-M30-P21N40-S124-S** SKU 10104344

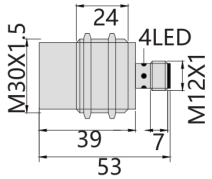
TECHNICAL DATA

Exterior structure	M30*1.5mm
Sensing distance	①: 15mm(Non-Flush) ②: 25mm(Non-Flush) ③: 40mm(Non-Flush)
Switching frequency	①: 300Hz ②: 300Hz ③: 100Hz
Operating voltage	10...30VDC(±10%)
Voltage drop	≤2.0V
Load current	200mA
Leakage current	≤0.01mA
No-load current	≤10mA(24V)
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	M12Connector
Accessories	M12 4 pin cable with connector

DIMENSIONAL DRAWINGS

M30X53 Connector ①



All dimensions in mm.