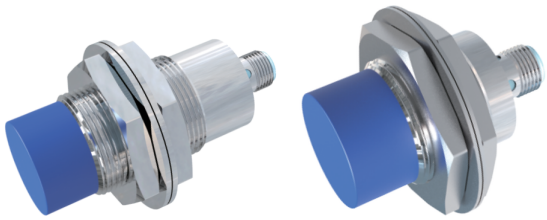
M30 Cylindrical Inductive Proximity Sensor

BIDW-M30-N15-S124-S series · Sensing Distance: 15mm(Non-Flush) · Operating Voltage: 10...30VDC(±10%)

IP67
Ingress Protection



① ②

KEY SPECIFICATIONS

SENSING DISTANCE 15mm(Non-Flush)	OPERATING VOLTAGE 10...30VDC(±10%)
SWITCHING FREQ. 300Hz	AMBIENT TEMP. -40...85°C
HOUSING M30*1.5mm	INGRESS PROTECTION IP67

FEATURES

- Low temperature resistance
- Suitable for cold storage, extremely cold environment
- Temperature-40°C...85°C

MODEL CODES

Output Type	①	②
NPN N.O	BIDW-M30-N11N15-S124 SKU 10104189	BIDW-M30-N11N15-S124-S SKU 10104193
NPN N.C	BIDW-M30-N21N15-S124 SKU 10104190	BIDW-M30-N21N15-S124-S SKU 10104194
PNP N.O	BIDW-M30-P11N15-S124 SKU 10104191	BIDW-M30-P11N15-S124-S SKU 10104195
PNP N.C	BIDW-M30-P21N15-S124 SKU 10104192	BIDW-M30-P21N15-S124-S SKU 10104196

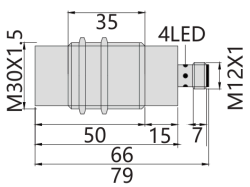
TECHNICAL DATA

Exterior structure	M30*1.5mm
Sensing distance	15mm(Non-Flush)
Switching frequency	300Hz
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)

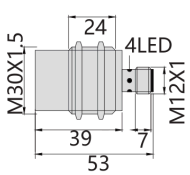
Switch protection	Short-circuit protection, Polarity reversal protection, Power-on
LED indicator	With (Action: LED Indicator Lights Up)
Ambient temperature	-40...85°C
Ingress protection	IP67
Housing material	Brass, nickel-plated
Sensing face material	PBT
Connection	M12 Connector
Accessories	M12 4 pin cable with connector

DIMENSIONAL DRAWINGS

M30X79 Connector ①



M30X53 Connector ②



All dimensions in mm.