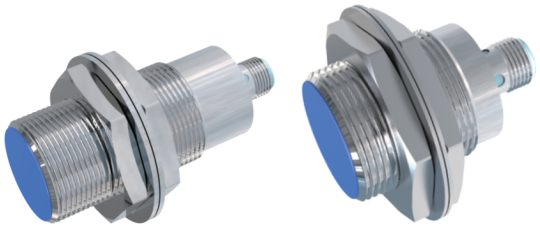
M30 Cylindrical Inductive Proximity Sensor

BIDW-M30-F10-S124-S series · Sensing Distance: 10mm(Flush) · Operating Voltage: 10...30VDC(±10%)

IP67
Ingress Protection



① ②

KEY SPECIFICATIONS

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

FEATURES

- Wide detection range
- High precision, strong anti-interference
- Temperature-40°C...85°C

MODEL CODES

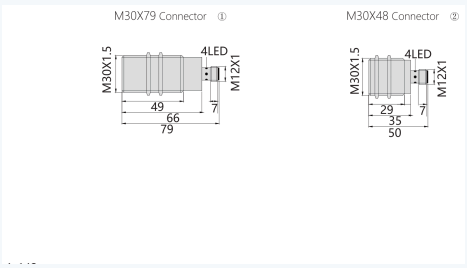
Output Type	①	②
NPN N.O	**BIDW-M30-N11F10-S124** SKU 10104082	**BIDW-M30-N11F10-S124-S** SKU 10104086
NPN N.C	**BIDW-M30-N21F10-S124** SKU 10104083	**BIDW-M30-N21F10-S124-S** SKU 10104087
PNP N.O	**BIDW-M30-P11F10-S124** SKU 10104084	**BIDW-M30-P11F10-S124-S** SKU 10104088
PNP N.C	**BIDW-M30-P21F10-S124** SKU 10104085	**BIDW-M30-P21F10-S124-S** SKU 10104089

TECHNICAL DATA

Exterior structure	M30*1.5mm
Sensing distance	10mm(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



All dimensions in mm.