M30 Cylindrical Inductive Proximity Sensor

BIDH-M30-N15-G2-120 series · Sensing Distance: 15mm(Non-Flush) · Operating Voltage: 10...30VDC(±10%)

IP66
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE 15mm(Non-Flush)	OPERATING VOLTAGE 10...30VDC(±10%)
SWITCHING FREQ. 100Hz	AMBIENT TEMP. -25...120°C
HOUSING M30*1.5mm	INGRESS PROTECTION IP66

FEATURES

- High-precision stand-alone operation
- Built-in non-adjustable high precision amplifier
- Ambient temperature -25 ° C ~ 230 ° C

MODEL CODES

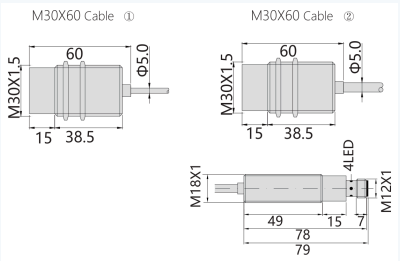
Output Type	Model Code
NPN N.O	BIDH-M30-N11N15-G2-120 SKU 10104197
NPN N.C	BIDH-M30-N21N15-G2-120 SKU 10104198
PNP N.O	BIDH-M30-P11N15-G2-120 SKU 10104199
PNP N.C	BIDH-M30-P21N15-G2-120 SKU 10104200

TECHNICAL DATA

Ambient temperature	-25...120°C
Exterior structure	M30*1.5mm
Sensing distance	15mm(Non-Flush)
Switching frequency	100Hz
Operating voltage	10...30VDC(±10%)
Voltage drop	≤2.0V
Amplifier	None
Load current	200mA/24V DC
No-load current	≤10mA(24V)
Hysteresis	<3...15%(Sr)

Repeatability	<1.0%(Sr)
Switch protection	Short-circuit protection, Polarity reversal protection, Power-on
LED indicator	None
Ingress protection	IP66
Housing material	Stainless steel
Sensing face material	PTFE
Connection	2m Silicone cable, 3*0.35mm²
Accessories	None

DIMENSIONAL DRAWINGS



All dimensions in mm.