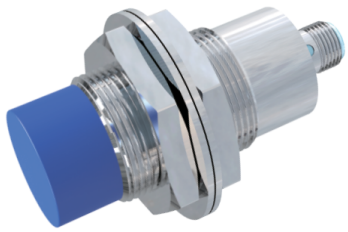
M30 Cylindrical Inductive Proximity Sensor

BIDS-M30-A14N15-A14N25-A24N15-A24N25-U15N15-U15N25-U25N15-U25N25-S124 series · Switching Freq.: 25Hz/25Hz AC; 40Hz DC · Ambient Temp.: -25...70°C

IP67
Ingress Protection



KEY SPECIFICATIONS

SWITCHING FREQ.	AMBIENT TEMP.
25Hz/25Hz AC; 40Hz DC	-25...70°C
HOUSING	INGRESS PROTECTION
M30*1.5mm	IP67

FEATURES

- Non-flush mounting
- Strong anti-interference ability
- Multiple connection options available

MODEL CODES

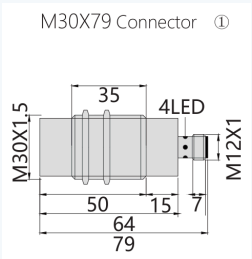
Output Type		
AC type — 20...250V AC · 25Hz		
N.O	**BIDS-M30-A14N15-S124** SKU 10104158	**BIDS-M30-A14N25-S124** SKU 10104325
N.C	**BIDS-M30-A24N15-S124** SKU 10104159	**BIDS-M30-A24N25-S124** SKU 10104326
AC/DC type — 20...250V AC/DC · 25Hz AC; 40Hz DC		
N.O	**BIDS-M30-U15N15-S124** SKU 10104160	**BIDS-M30-U15N25-S124** SKU 10104327
N.C	**BIDS-M30-U25N15-S124** SKU 10104161	**BIDS-M30-U25N25-S124** SKU 10104328

TECHNICAL DATA

Exterior structure	M30*1.5mm
Sensing distance	①: 15mm(Non-Flush) ②: 25mm(Non-Flush)
Switching frequency	AC: 25Hz · AC/DC: 25Hz AC; 40Hz DC
Operating voltage	AC: 20...250V AC · AC/DC: 20...250V AC/DC
Voltage drop	≤8V AC/≤10V AC,8V DC
Load current	Max.load: 400mA; min.Load: 5mA
Residual signal	≤1.8mA/≤2.5mA
Hysteresis	<15%(Sr)
Repeatability	<1.0%(Sr)

Switch 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



All dimensions in mm.