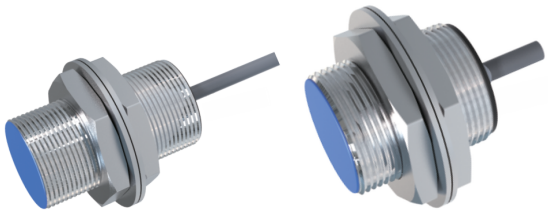
M30 Cylindrical Inductive Proximity Sensor

BIDS-M30-F10-F16-PC2-S series · Operating Voltage: 10...60VDC(±10%) · Switching Freq.: 300Hz / 150Hz

IP67
Ingress Protection



①② ③④

KEY SPECIFICATIONS

OPERATING VOLTAGE **10...60VDC(±10%)**	SWITCHING FREQ. **300Hz / 150Hz**
AMBIENT TEMP. **-25...70°C**	HOUSING **M30*1.5mm**
INGRESS PROTECTION **IP67**	

FEATURES

- Flush mounting
- Strong anti-interference ability
- Multiple connection options available

MODEL CODES

Output Type	①	②	③	④
N.O	**BIDS-M30-D13F10-PC2** SKU 10104011	**BIDS-M30-D13F16-PC2** SKU 10104241	**BIDS-M30-D13F10-PC2-S** SKU 10104013	**BIDS-M30-D13F16-PC2-S** SKU 10104243
N.C	**BIDS-M30-D23F10-PC2** SKU 10104012	**BIDS-M30-D23F16-PC2** SKU 10104242	**BIDS-M30-D23F10-PC2-S** SKU 10104014	**BIDS-M30-D23F16-PC2-S** SKU 10104244

TECHNICAL DATA

Exterior structure	M30*1.5mm
Sensing distance	①: 10mm(Flush) ②: 16mm(Flush) ③: 10mm(Flush) ④: 16mm(Flush)
Switching frequency	①: 300Hz ②: 150Hz ③: 300Hz ④: 150Hz
Operating voltage	10...60VDC(±10%)
Voltage drop	≤4.5V
Load current	200mA
Residual signal	≤0.5mA
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	2m PVC Cable, 2*0.5mm²
Accessories	None

DIMENSIONAL DRAWINGS



All dimensions in mm.