Φ34 Cylindrical Capacitive Proximity Sensor

BCDP-Q34-N35-PC2 series · Sensing Distance: 35mm(Non-Flush) · Operating Voltage: 10...30VDC(±10%)

IP67
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **35mm(Non-Flush)**	OPERATING VOLTAGE **10...30VDC(±10%)**
SWITCHING FREQ. **100Hz**	AMBIENT TEMP. **-25...70°C**
HOUSING **Φ34mm**	INGRESS PROTECTION **IP67**

FEATURES

- Potentiometer for sensitivity adjustment
- Detecting non-metals
- Detection of non-metallic objects depends on the dielectric constant of the object

MODEL CODES

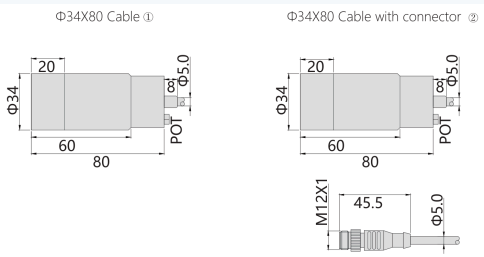
Output Type	Model Code
NPN N.O	**BCDP-Q34-N11N35-PC2** SKU 10102777
NPN N.C	**BCDP-Q34-N21N35-PC2** SKU 10102778
PNP N.O	**BCDP-Q34-P11N35-PC2** SKU 10102779
PNP N.C	**BCDP-Q34-P21N35-PC2** SKU 10102780

TECHNICAL DATA

Exterior structure	Φ34mm
Sensing distance	35mm(Non-Flush)
Switching frequency	100Hz
Operating voltage	10...30VDC(±10%)
Voltage drop	≤2VDC
Load current	200mA
No-load current	≤10mA(24V)
Hysteresis	<15%(Sr)
Repeatability	<5.0%(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	PBT
Sensing face material	PBT
Connection	2m PVC Cable, 3*0.35mm²
Accessories	None

DIMENSIONAL DRAWINGS



All dimensions in mm.