Q28 Rectangular Inductive Proximity Sensor

BIDP-R28-F2.0-PC2-T series · Sensing Distance: 2mm(Flush) · Operating Voltage: 6...12VDC(±10%)

IP67
Ingress Protection



① ②

KEY SPECIFICATIONS

SENSING DISTANCE **2mm(Flush)**	OPERATING VOLTAGE **6...12VDC(±10%)**
SWITCHING FREQ. **2000Hz**	AMBIENT TEMP. **-25...70°C**
HOUSING **10.3*15.8*27.8mm**	INGRESS PROTECTION **IP67**

FEATURES

- NAMUR DC 2 wire
- Switching output

MODEL CODES

Output Type	①	②
NAMUR	**BIDP-R28-NA10F2.0-PC2** SKU 10104422	**BIDP-R28-NA10F2.0-PC2-T** SKU 10104423

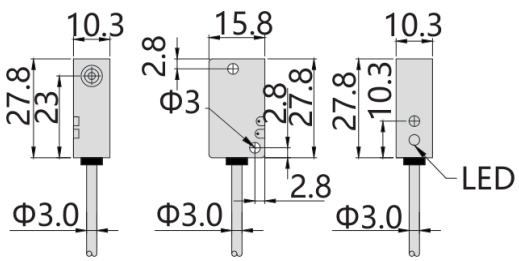
TECHNICAL DATA

Size	10.3*15.8*27.8mm
Sensing distance	2mm(Flush)
Switching frequency	2000Hz
Operating voltage	6...12VDC(±10%)
Load current	>2.2mA(OFF),<1.1mA(ON)
Hysteresis	<15%(Sr)
Repeatability	<2.0%(Sr)
Power-on delay	≤10ms
Switch protection	Short-circuit protection, Polarity reversal protection, Power-on

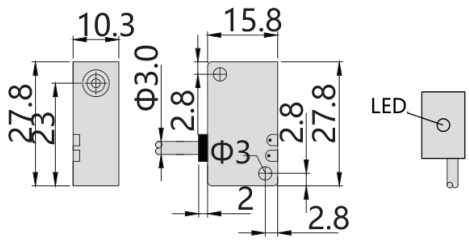
LED indicator	None
Ambient temperature	-25...70°C
Ingress protection	IP67
Housing material	PBT
Sensing face material	PBT
Connection	2m PVC Cable, 2*0.25mm²
Accessories	None

DIMENSIONAL DRAWINGS

Q28 Cable ①



Q28 Side out cable ②



All dimensions in mm.