M18 Cylindrical Photoelectric Sensor

BFDP-M18-A14I15-PC2 series · Sensing Distance: 150mm / 500mm · Operating Voltage: 24...240V AC

IP66
Ingress Protection



①②



③④

KEY SPECIFICATIONS

SENSING DISTANCE **150mm / 500mm**	OPERATING VOLTAGE **24...240V AC**
SWITCHING FREQ. **25Hz**	AMBIENT TEMP. **-25...55°C**
HOUSING **M18*1mm**	RESPONSE TIME **≤40ms**

FEATURES

- Quick response time; Infrared light source; Strong light immunity capability

MODEL CODES

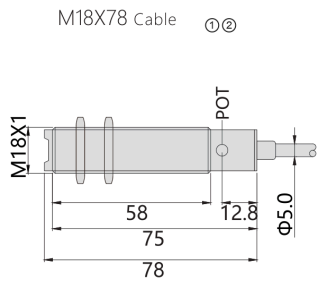
Output Type	①	②	③	④
N.O	**BFDP-M18-A14I15-PC2** SKU 10104832	**BFDP-M18-A14I50-PC2** SKU 10104834	**BFDM-M18-A14I15-PC2** SKU 10104836	**BFDM-M18-A14I50-PC2** SKU 10104838
N.C	**BFDP-M18-A24I15-PC2** SKU 10104833	**BFDP-M18-A24I50-PC2** SKU 10104835	**BFDM-M18-A24I15-PC2** SKU 10104837	**BFDM-M18-A24I50-PC2** SKU 10104839

TECHNICAL DATA

Exterior structure	M18*1mm
Sensing distance	①: 150mm ②: 500mm ③: 150mm ④: 500mm
Detection type	Diffuse reflection
Switching frequency	25Hz
Operating voltage	24...240V AC
Light source	Infrared light 880nm
Response time	≤40ms
Load current	≤300mA
Power-on delay	<300ms
Blind distance	<1cm
Sensitivity adjustment	Single-turn potentiometer

Light immunity	<5000Lux
Ambient temperature	-25...55°C
Ambient humidity	35...85%
Housing material	①: PBT ②: PBT ③: Brass, nickel-plated ④: Brass, nickel-plated
Ingress protection	IP66
Lens material	PMMA
Operation indicator	Yellow
Connection	2m PVC Cable, 3*0.35mm²
Accessories	None

DIMENSIONAL DRAWINGS



All dimensions in mm.