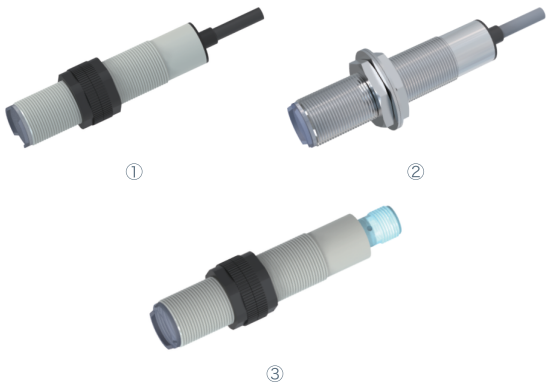
M18 Cylindrical Photoelectric Sensor

BFTP-M18-E4I1500-PC2 series · Sensing Distance: 15m · Operating Voltage: 24...240V AC

IP66
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **15m**	OPERATING VOLTAGE **24...240V AC**
SWITCHING FREQ. **50Hz**	AMBIENT TEMP. **-25...55°C**
HOUSING **M18*1mm**	RESPONSE TIME **≤20ms**

FEATURES

- Long detection distance
- Wide detection target objects range
- Infrared light with high light immunity capability

MODEL CODES

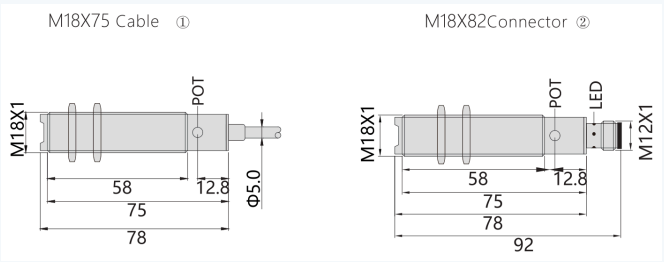
Output Type	①	②	③
Emitter	**BFTP-M18-E4I1500-PC2** SKU 10104848	**BFTM-M18-E1I1500-PC2** SKU 10104851	**BFTP-M18-E4I1500-S124** SKU 10104854
N.O	**BFTP-M18-A14I1500-PC2** SKU 10104849	**BFTM-M18-A14I1500-PC2** SKU 10104852	**BFTP-M18-A14I1500-S124** SKU 10104855
N.C	**BFTP-M18-A24I1500-PC2** SKU 10104850	**BFTM-M18-A24I1500-PC2** SKU 10104853	**BFTP-M18-A24I1500-S124** SKU 10104856

TECHNICAL DATA

Exterior structure	M18*1mm
Sensing distance	15m
Detection type	Through-beam
Switching frequency	50Hz
Operating voltage	24...240V AC
Light source	Infrared light 880nm
Response time	≤20ms
Load current	≤300mA
Power-on	<300ms delay
Sensitivity adjustment	Single-turn potentiometer
Light immunity	<5000Lux
Ambient temperature	-25...55°C

Ambient humidity	35...85%
Housing material	①: PBT ②: Brass, nickel-plated ③: PBT
Ingress protection	IP66
Lens material	PMMA
Operation indicator	Yellow
Connection	①: 2m PVC Cable, 3*0.35mm² ②: 2m PVC Cable, 3*0.35mm² ③: M12Connector
Accessories	①: None ②: None ③: M12 4 pin cable with connector

DIMENSIONAL DRAWINGS



All dimensions in mm.