

X10 Series

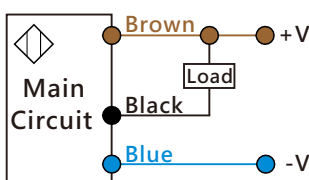
- ⌚ Digital fiber-optic amplifier, simple operation and intelligent setup.
- ⌚ High visible dual LED monitor, automatic and manual of sensitivity adjustment, easy setting for wide range application.
- ⌚ Short response time, equipped with automatic maintenance (DATUM) and long distance detect functions.
- ⌚ With ON & OFF delay functions.



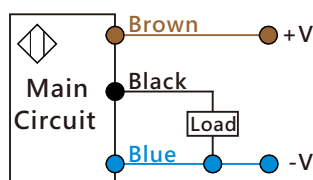
Item	Specifications	
Model number	X10-R-NE3	X10-R-PE3
Switching output	NPN NO & NC	PNP NO & NC
Operating voltage	12~24VDC±10%	
Response time	High Speed Mode ≤0.1ms · Fine Mode ≤0.5ms Super Mode ≤1ms · Mega Mode ≤16ms	
Timer function	ON-Delay / OFF-Delay / One Shot-Delay (0.1~9999ms) · Timer Off	
Load current	< 100mA	
Sensitivity adjustment	Automatic & Manual sensitivity setting button	
Light source	Red LED	
Operation indicator	Red LED	
Circuits protection	Reversed polarity & Short circuit protection	
Enclosure protection	IEC IP62	
Ambient temperature & humidity range	Operating : -20 ~ 55°C / RH 35 ~85% (with no icing or condensation)	
Housing material	Case : Polycarbonate	
Connecting method	Pre-wired 2M Cable	
Accessories	Mounting bracket · Screws	

Wiring Diagram

NPN NO/NC Type

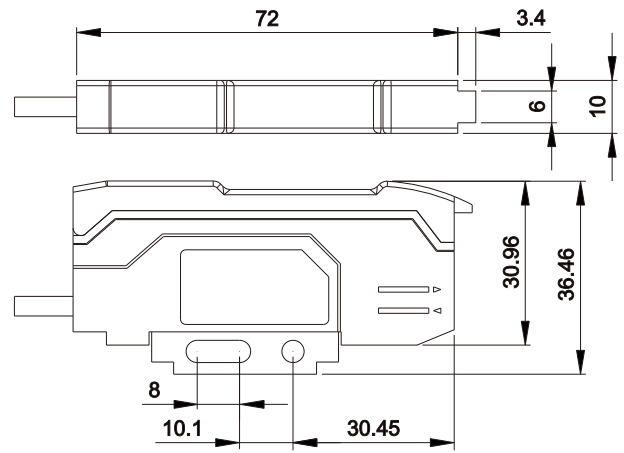


PNP NO/NC Type

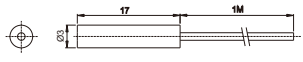
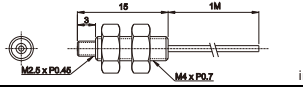
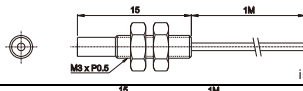
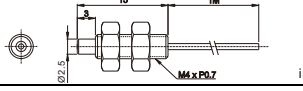
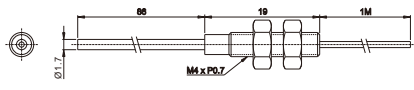
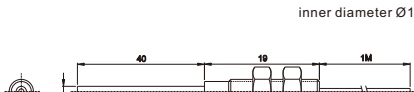


Fiber-Optic Cable Series

Dimension



Model number	Sensing Method	Sensing Distance	Dimension	
H-CR-04	Diffuse-Reflective	35 ~ 100mm	inner diameter Ø1.0	
H-CR-04A		8 ~ 35mm	inner diameter Ø0.5	
H-CR-04C		50 ~ 160mm	inner diameter Ø1.5	
H-CR-04X		30 ~ 85mm	inner diameter Ø1.0	
H-CR-05		35 ~ 100mm	inner diameter Ø1.0	
H-CR-05A		8 ~ 35mm	inner diameter Ø0.5	
H-CR-05C		50 ~ 160mm	inner diameter Ø1.5	
H-CR-05X		30 ~ 85mm	inner diameter Ø1.0	
H-CR-06		35 ~ 100mm	inner diameter Ø1.0	
H-CR-06A		8 ~ 35mm	inner diameter Ø0.5	
H-CR-06X		30 ~ 85mm	inner diameter Ø1.0	
H-CR-07		35 ~ 100mm	inner diameter Ø1.0	
H-CR-07A		8 ~ 35mm	inner diameter Ø0.5	
H-CR-07X		30 ~ 85mm	inner diameter Ø1.0	
H-SP-04		Through-beam	65 ~ 400mm	inner diameter Ø0.5
H-SP-04A			25 ~ 80mm	inner diameter Ø0.5

H-SP-04C	Through-beam	90 ~ 700mm	 inner diameter $\varnothing 1.5$
H-SP-05		65 ~ 400mm	 inner diameter $\varnothing 1.0$
H-SP-05A		25 ~ 80mm	 inner diameter $\varnothing 0.5$
H-SP-05C		90 ~ 700mm	 inner diameter $\varnothing 1.5$
H-SP-06		65 ~ 400mm	 inner diameter $\varnothing 0.5$
H-SP-06A		25 ~ 80mm	
H-SP-07		65 ~ 400mm	 inner diameter $\varnothing 1.0$
H-SP-07A		25 ~ 80mm	