

X10 Series

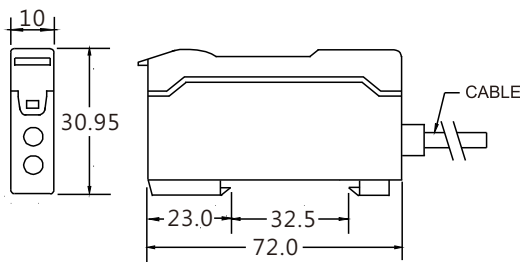
- Digital Fiber-Optic amplifier, simple operation and intelligent setup.
- Highly visible dual LED monitor, automatic and manual of sensitivity adjustment, easy setting for wide range application.
- Short response time, equipped with automatic maintenance (DATUM) and long distance detect functions.
-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



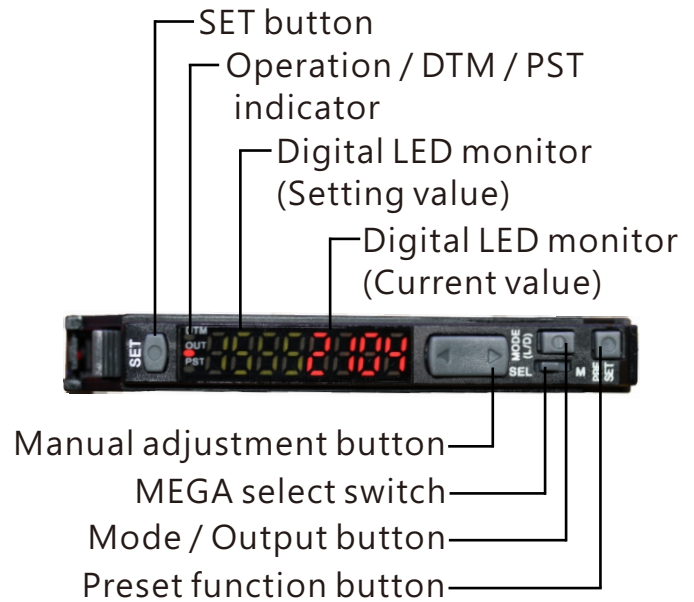
Item	Specifications	
Model number	X10-R-NE3	X10-R-PE3
Switching output	NPN NO & NC	PNP NO & NC
Operating voltage	DC 12~24V±10%	
Response time	High Speed Mode ≤ 0.1ms · Fine Mode ≤ 0.5ms Super Mode ≤ 1ms · Mega Mode ≤ 16ms	
Timer function	ON-Delay / OFF-Delay / One Shot-Delay (0.1~9999ms) · Timer Off	
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 IP65	
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

Dimension

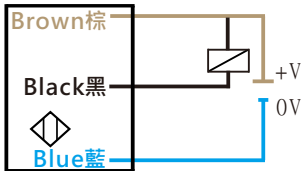


Part Names and Functions

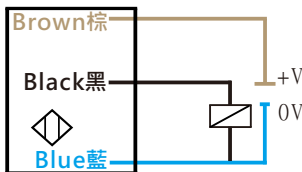


Wiring Diagram

NPN NO & NC Type



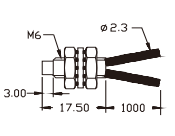
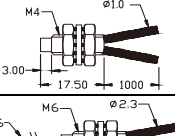
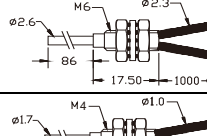
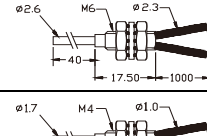
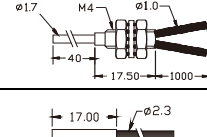
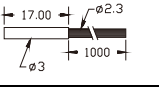
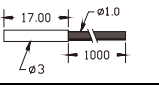
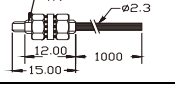
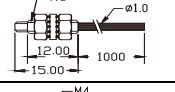
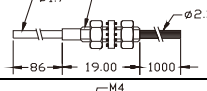
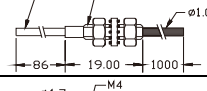
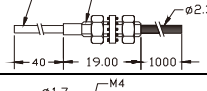
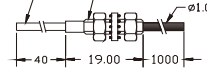
PNP NO & NC Type



Fiber-Optic Cable Series



Model number	Sensing Method	Sensing Distance	Dimension
H-CR-04	Diffuse-Reflective	35 ~ 100mm	 inner diameter \varnothing 1.0
H-CR-04A		8 ~ 35mm	 inner diameter \varnothing 0.5

H-CR-05	Diffuse-Reflective	35 ~ 100mm		inner diameter Ø1.0
H-CR-05C		50 ~ 160mm		inner diameter Ø1.5
H-CR-05X		30 ~ 85mm		inner diameter Ø1.0 / Ø0.25*16
H-CR-05A		8 ~ 35mm		inner diameter Ø0.5
H-CR-06		35 ~ 100mm		inner diameter Ø1.0
H-CR-06A		8 ~ 35mm		inner diameter Ø0.5
H-CR-07		35 ~ 100mm		inner diameter Ø1.0
H-CR-07X		30 ~ 85mm		inner diameter Ø1.0 / Ø0.25*16
H-CR07A		8 ~ 35mm		inner diameter Ø0.5
H-SP-04	Through-beam	65 ~ 400mm		inner diameter Ø1.0
H-SP-04C		90 ~ 700mm		inner diameter Ø1.5
H-SP-04A		25 ~ 80mm		inner diameter Ø0.5
H-SP-05		65 ~ 400mm		inner diameter Ø1.0
H-SP-05C		90 ~ 700mm		inner diameter Ø1.5
H-SP-05A		25 ~ 80mm		inner diameter Ø0.5
H-SP-06		65 ~ 400mm		inner diameter Ø1.0
H-SP-06A		25 ~ 80mm		inner diameter Ø0.5
H-SP-07		65 ~ 400mm		inner diameter Ø1.0
H-SP-07A	25 ~ 80mm		inner diameter Ø0.5	

#Design and specifications are subject to change without prior notice.