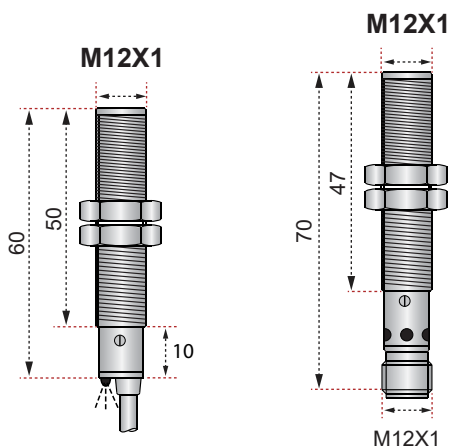
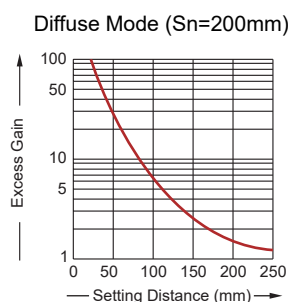


- ◆ Threaded cylindrical Photoelectric sensor
- ◆ Short-circuit protection and reverse polarity protection
- ◆ Sensitivity adjuster
- ◆ Standard M12 cylindrical metal tube



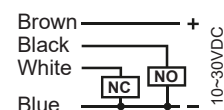
Sensing Mode	Diffuse 			
Model	BPR12-PK200F-X	BPR12-NK200F-X	BPR12-PK200F-CX	BPR12-NK200F-CX
Output Mode	PNP	NPN	PNP	NPN
Wiring Method	Pre-wired Ø4.2 x 2 M / 4-wires		M12 Connector Type	
Sensing Range	200mm			
Current Consumption	<30 mA Max. (white paper 100x100mm)			
Load Current	200mA Max. at DC24V			
Emitting Light	Infrared LED 875nm			
Operating Voltage	10~ 30VDC			
Operation Mode	NO (Dark on) / NC (Light on) by the wire Selection			
Response Time	1 ms Max.			
Insulation Resistance	20MΩ min. (DC500V)			
Voltage with Stand Ability	AC1000V 60Hz for 60 Sec.			
Operating Temperature	- 20°C ~ + 70°C			
Ambient Humidity	35% ~ 85% RH			
Material	Plated Brass			
Protection Degree	IP65			
Weight	Approx. 90g		Approx. 80g	

◆ **Dimension Drawings & Sensing Characteristics (Typical)**

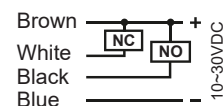


◆ **Connection Diagrams**

BPR12-PK200F



BPR12-NK200F



BPR12-PK200F-CX Euro-style
BPR12-NK200F-CX

