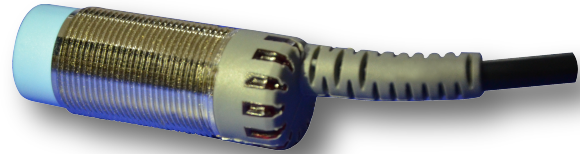
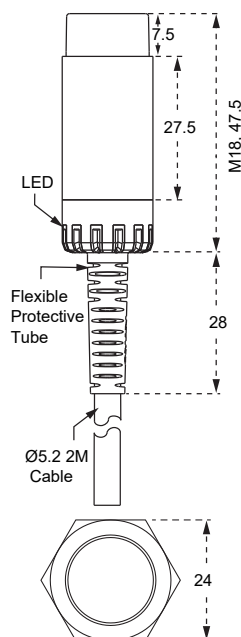


- ◆ Good linear output for machine stability control
- ◆ Application : RPM and displacement control
- ◆ Two outputs models : 0~10V / 4~20mA
- ◆ Excellent repeatability



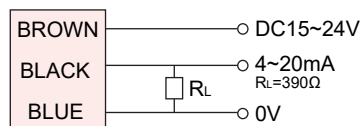
Model	BAR18-OM8N	BAR18-OV8N
Output	4~20 mA	0~10V
Sensing Distance	8 mm	
Standard Sensing Object	Iron 18 x 18 x 1 mm	
Ripple	≤20%	
Operating Voltage	DC 15 ~ 24V	
Current Consumption	35 mA Max.	
Load Resistance	390Ω 4~20 mA	>10kΩ 0~10V
Output Protection	Input power polarity reversal protection / Output power short-circuit protection	
No-load Supply Current	≤10mA	
Temperature Drift	≤15% Sr	
Insulation Resistance	20M Ω min. (DC 500V)	
Voltage with Standability	AC1000V 60Hz for 60 Sec.	
Operating Temperature	- 20°C ~ + 60°C	
Protection Degree	35% ~ 85% RH	
Material	IP67	
Wiring Method	Pre-wired Ø5.2 x 2 M / 3wires	
Weight	Approx.93g	

◆ Dimension Drawing

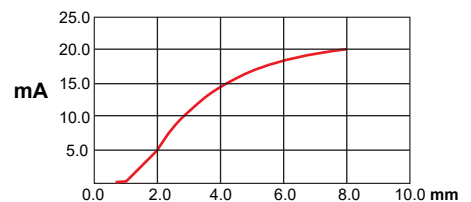


BAR18-OM8N

◆ Wiring Diagram

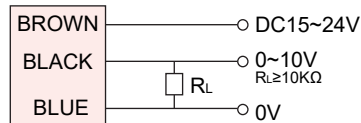


◆ Response diagrams



BAR18-OV8N

◆ Wiring Diagram



◆ Response diagrams

