



■ **Capacitive cylindrical type proximity sensor**




Features

- Long life cycle and high reliability.
- Able to check the status of operation by Red LED Indicator.
- Wide range of applications, for replacement of Micro switch, Limit switch.
- Structure by IP 65.

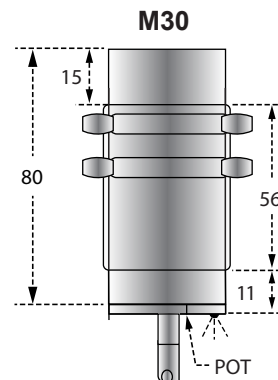
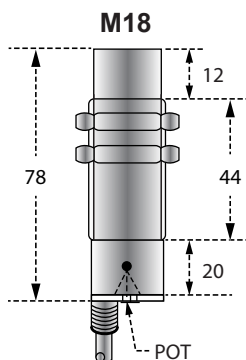


Dimension		Model
M18		BCE18-AN15
M30		BCE30-AN30

■ **Specifications (AC 2wire type)**

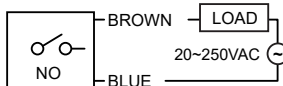
Model	BCE18-AN15	BCE30-AN30
Function	AC Make (NO) 	AC Make (NO) 
Detecting Distance	2~15mm Adjustable	2~30mm Adjustable
Switching Hysteresis	Max. 15% of Sr	
Standard Detecting Target	18 x 18 x 1mm (Iron)	30 x 30 x 1mm (Iron)
Setting Distance	2~15mm $\pm 10\%$	2~30mm $\pm 10\%$
Power Supply (Operating Voltage)	20-250VAC	
Current Consumption	<2.5mA	
Response Frequency	20 Hz	25 Hz
Residual Voltage	Max. 9VAC at 400mA	
Temperature Drift	$\pm 10\%$ Max. of detecting distance at +20°C within temperature range of -25 to +70°C	
Control output	400mA	
Connection Type	Cable 2mtr.	
Housing Type	Cylindrical Threaded(1mm), 18mm dia, length 80mm	Cylindrical Threaded (1.25mm), 30mm dia, length 80mm
Housing Material	PBT Resin	
Vibration & Shock	1mm amplitude at frequency of 10 to 55Hz in each of X, Y, Z directions for 2 hours	500m/s ² (50G) in X, Y, Z direction for 3 times
Indicator	Operating indicator (RED LED)	
Ambient Temperature	-25 to +70°C (non-freezing condition)	
Storage Temperature	-30 to +80°C (non-freezing condition)	
Ambient Humidity	35 to 95% RH	
Protection Circuit	Over Current Protection	
Protection	IP65	
Weight	Approx. 92g	Approx. 195g
Approval		

◆ **Dimension Drawings**



◆ **Connection Diagram**

BCE18-AN15
BCE30-AN30



The LOAD can be connected to either wire