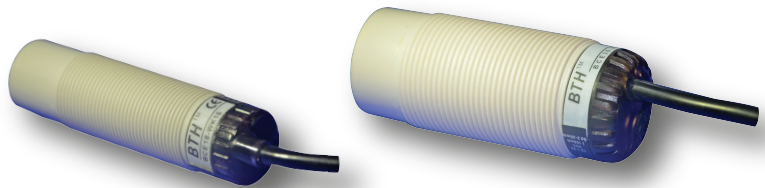
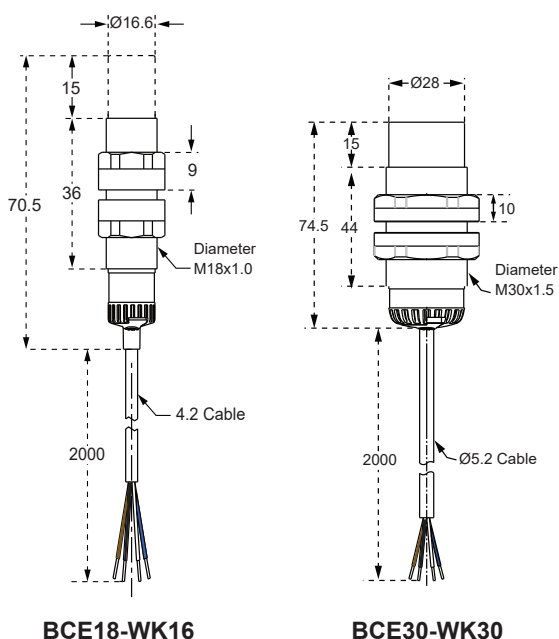


- ◆ Threaded Cylindrical Capacitive Sensor
- ◆ Adjustable Sensitivity
- ◆ Extended Switching Distance
- ◆ IP66 Protection
- ◆ Bulk Material, Liquid, Level detection
- ◆ Output, PNP / NPN / NO / NC, Selectable



Model	BCE18-WK16	BCE30-WK30
Description	Standard M18	Standard M30
Standard Sensing Object	Conducting Neutral	Conducting Neutral
Sensing Distance	1 ~ 16 mm	2 ~ 30 mm
Hysteresis	≤10 % of sensing distance	≤10 % of sensing distance
Response Time	14.3 ms Max	100 ms Max
Operating Voltage	DC 12 ~ 24V	DC 12 ~ 24V
Current Consumption	≤22 mA no-load	≤22 mA no-load
Load Current	100 mA Max at DC 24V	100 mA Max at DC 24V
Leakage Current	≤1.1 mA no-load	≤1.1 mA no-load
Residual Voltage	≤DC 1.5V	≤DC 1.5V
Insulation Resistance	20MΩ min. (DC500V)	20MΩ min. (DC500V)
Voltage with Standability	AC1000V 60Hz for 60 Sec.	AC1000V 60Hz for 60 Sec.
Operating Temperature	- 20°C ~ + 60°C	- 20°C ~ + 60°C
Portection Degree	IP66	IP66
Wiring Method	Pre-wired Ø4.2 x 2 M / 4-wires	Pre-wired Ø5.2 x 2 M / 4-wires
Weight	Approx. 70g	Approx. 135g

◆ Dimension Drawing



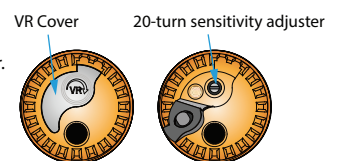
◆ Connection Diagram

BCE18-WK16
BCE30-WK30

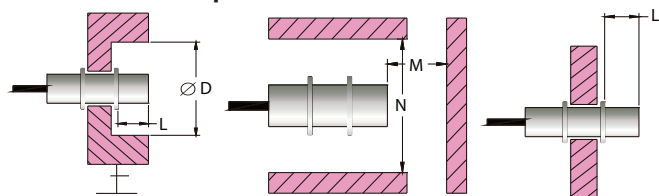
● Brown	→ +V	→ (-0V)
● Black	→ NPN NO	→ NPN NC
○ White	→ PNP NC	→ PNP NO
● Blue	→ (-0V)	→ +V

◆ Function Introduction

BCE Series comes with 20-turn sensitivity adjuster. Users can adjust the sensitivity according to different objects. Special VR cover for **water and grease resistance**



◆ Precaution Proper Installation



BCE18-WK16 D≥40mm M≥30mm N≥40mm L≥30mm

BCE30-WK30 D≥90mm M≥50mm N≥90mm L≥30mm

◆ Application

