

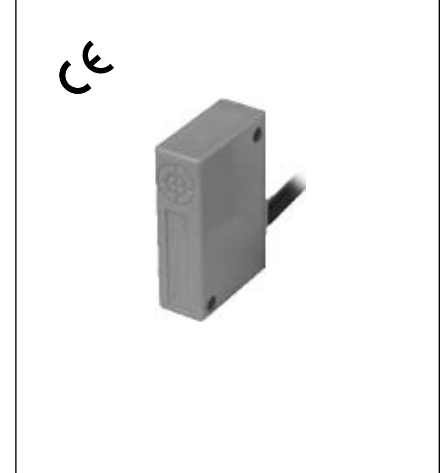
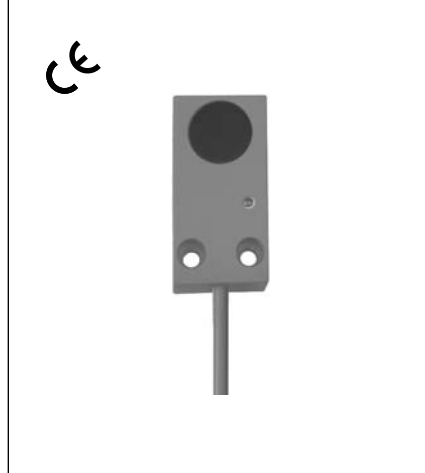
EXTENDED RANGE INDUCTIVE PROXIMITY SENSOR (10-30VDC/10-55VDC/5-36VDC)

Diameter
● Shielded ○ non-Shielded
Switching Distance, Sn: mm
Housing Material
● With LED ○ Without LED

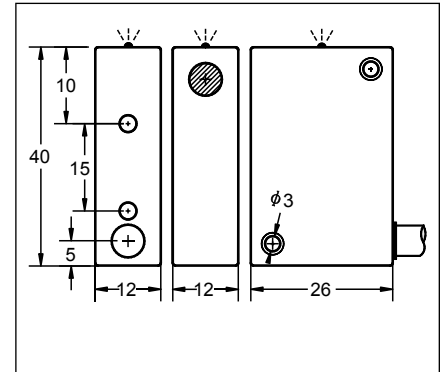
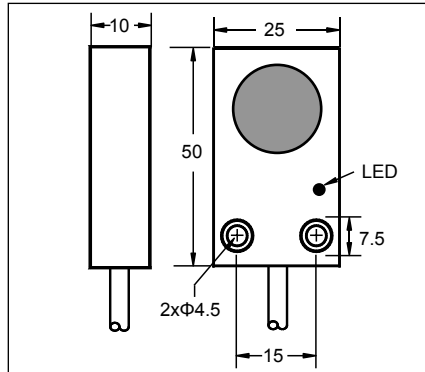
Q25x50x10	
●	○
4 mm	8 mm
PBT	
●	

Q26x40x12	
●	○
4 mm	8 mm
PBT	
●	

Picture



Dimensions (unit: mm)



Ripple	<10%
No Load Current	<10mA
Max. Load current	200mA
Leakage Current	<0.01mA
Voltage Drop	<2.0V
Switching Frequency	300Hz 100Hz
Response Time	0.5ms/0.5ms 1ms/1ms
Switching Hysteresis	<15%(Sr)
Repeat Accuracy	<1.0%(Sr)
Protection Category	IP67
Operating Temperature	-25°C - +70°C
Temperature Drift	<10%(Sr)
Short Circuit Protection	Yes
Overload Trip Point	220mA
Material Active Face	PBT

<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
300Hz 100Hz	
0.5ms/0.5ms 1ms/1ms	
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25°C - +70°C	
<10%(Sr)	
Yes	
220mA	
PBT	

<10%	
<10mA	
200mA	
<0.01mA	
<2.0V	
300Hz 100Hz	
0.5ms/0.5ms 1ms/1ms	
<15%(Sr)	
<1.0%(Sr)	
IP67	
-25°C - +70°C	
<10%(Sr)	
Yes	
220mA	
PBT	

Connecting type	2M Cable (4.0 φ 3x0.25)
Weight	approx. 110 g

2M Cable (4.0 φ 3x0.25)	
approx. 110 g	

2M Cable (4.0 φ 3x0.25)	
approx. 120 g	

DC 3 wire 10-30V NPN N.O.
DC 3 wire 10-30V NPN N.C.
DC 3 wire 10-30V PNP N.O.
DC 3 wire 10-30V PNP N.C.
DC 3 wire 10-55V NPN N.O.
DC 3 wire 10-55V NPN N.C.
DC 3 wire 10-55V PNP N.O.
DC 3 wire 10-55V PNP N.C.
DC 3 wire 5-36 V NPN N.O.
DC 3 wire 5-36 V NPN N.C.
DC 3 wire 5-36 V PNP N.O.
DC 3 wire 5-36 V PNP N.C.

IPS-Q2504N-A1VN2	1*	IPN-Q2508N-A1VN2
IPS-Q2504N-B1VN2	2	IPN-Q2508N-B1VN2
IPS-Q2504P-A1VN2	3	IPN-Q2508P-A1VN2
IPS-Q2504P-B1VN2	4	IPN-Q2508P-B1VN2

IPS-Q2604N-A1LN2	1*	IPN-Q2608N-A1LN2
IPS-Q2604N-B1LN2	2	IPN-Q2608N-B1LN2
IPS-Q2604P-A1LN2	3	IPN-Q2608P-A1LN2
IPS-Q2604P-B1LN2	4	IPN-Q2608P-B1LN2

* Wiring diagram number. Please see the relevant wiring diagram shown on Page 013 and Page 014.