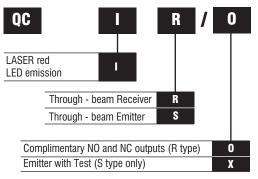
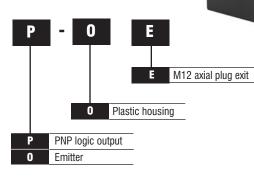
# Photoelectric Switches QCIS/X0-0E & QCIR/0P-0E

IMO

- Through-beam
- Infro red light emission 880nm
- Sensing distance 15m
- Complementary NO and NC outputs
- Sensitive adjustment (2 turns) and LED display
- Connector position rotatable within 270 degree

# **Options & Ordering Codes**







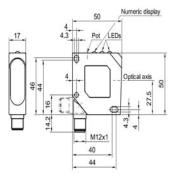


# **Specification**

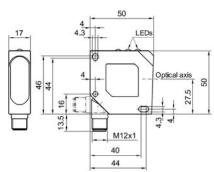
Optical	
Sensing range	18mm adjustable
Sensitivity adjustment	2 turn potentiometer
Light emission	Infra Red 880nm, pulsed
Ambient light	EN 60947-5-2
Angle of aperture	< <u>+</u> 2°
Electrical	·
Operating voltage U <sub>B</sub>	10 - 30VDC
Power consumption (no load)	≤30 mA at 24VDC
Maximum residual ripple on U <sub>B</sub>	10%
Reverse polarity protection	Yes
Shot circuit protection	Yes
Output current	200 mA
Voltage drop at output	<u>&lt;</u> 2.4V
Switching frequency (at ppp 1:1)	1 kHz
Output signal indiactor	LED Yellow
Dirty optics indicator	LED Red
Power indicator	LED Green
Transmitter transmitting (TX only)	Green LED ON
Transmitter Off (TX only)	Red LED ON
Protection class	
Mechanical data (typical)	
Housing material	ABS, shock-resistant
Protection degree	IP67
Ambient temperature range	-20 to +60°C
Storage temperature	-20 to +80°C
Maximum permitted cable length	100m
Connection type	M12 plug
Weight	Approximately 40g
	•

# **Dimensions (mm)**

#### Receiver

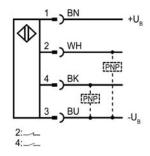


## **Emitter**



## **Connections**

### Receiver



#### **Emitter**

