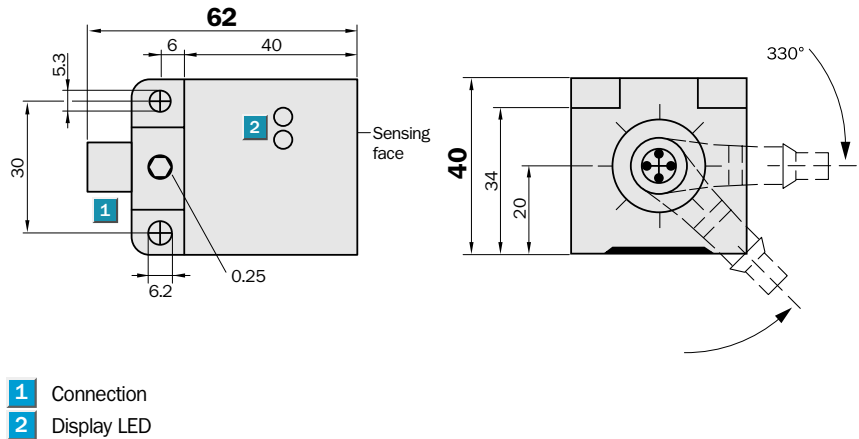


- Variable switching zone
- Complementary output function
- Connector, 330° rotatable
- Enclosure rating IP 67
- Factor 1 for all metals
- Magnetic field immune (6025813)

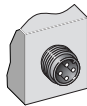
Dimensional drawing



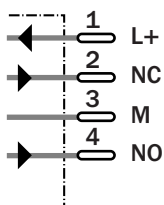
Connection type

IQ40-35NPP-KCM

IQ40-30NPP-KC1



M12, 4-pin



See chapter Accessories

Connector, M12, 4-pin

Technical specifications		IQ40-	35NPP-KCM	30NPP-KC1										
Sensing range S_n	35 mm													
	30 mm													
Electrical configuration	DC 4-wire													
Supply voltage V_s	DC 10 ... 30 V													
Voltage drop U_d	$\leq 2.5 \text{ V}^{1)}$													
Power consumption	$\leq 15 \text{ mA}^{2)}$													
Continuous current I_a	$\leq 200 \text{ mA}$													
Time delay before availability t_v	$\leq 30 \text{ ms}$													
Hysteresis H, of s_r	1 ... 15 %													
Repeatability R	$\leq 5 \%$ (U_b and T_a constant) ³⁾													
Temperature drift, of s_r	$\pm 10 \%$													
EMC	According to EN 60947-5-2													
Switching output	PNP													
Output function	Complementary													
Installation	Non-flush													
Connection type	Connector, M12, 4-pin													
Enclosure rating	IP 67 ⁴⁾													
VDE protection class														
Max. switching frequency	200 Hz													
	50 Hz													
Dimensions	40 x 40 x 62 mm ⁵⁾													
Short-circuit protection	✓ ⁶⁾													
Reverse polarity protection	✓													
Power-up pulse suppression	✓													
Factor 1 for all metals	✓													
Magnetic field immune	✓													
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm													
Ambient temperature T_a	-25 °C ... +70 °C													
Housing material	Plastic													

¹⁾ at I_a max and U_b 24 V
²⁾ without load
³⁾ of s_r
⁴⁾ according to EN 60529
⁵⁾ Width x height x depth
⁶⁾ (pulsed)

Order information

Type	Order no.
IQ40-35NPP-KCM	6 025 813
IQ40-30NPP-KC1	6 025 811