



Inductive safety switches IN4000 Standard Sensor

IN40-D0304K



Model Name > [IN40-D0304K](#)
Part No. > [6037684](#)

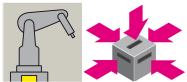


At a glance

- One pulsed output for direct connection of sensors to a single safety controller
- IP 67 or IP 69K enclosure rating
- Response range of up to 15 mm
- LED status indicator
- Up to performance level PL e / Cat. 4 (EN ISO 13849)
- Safe series connection of sensors possible

Your benefits

- Fast diagnostics via LED status indicator
- Cascadability of up to 9 sensors saves costs
- Long service life due to durable and low-maintenance design
- Just one safety switch in conjunction with a suitable safety module makes it possible to solve applications up to PL e and Cat. 4 (EN ISO 13849)
- The devices are easy to clean, making them suitable for contaminated areas or environments with strict hygiene standards



Technical data

Sensor principle:	Inductive
Safety integrity level:	SIL3 (IEC 61508)
Category:	Category 4 (EN ISO 13849)
Performance level:	PL e
PFHd:	1.33 * 1E-09
TM (mission time)::	10 a (EN ISO 13849) 1) 2) 20 a (EN ISO 13849)
Housing material:	Specially coated brass (housing), PBT (cover)
Enclosure rating:	IP 69K (IEC 60529)
Protection class:	III
Ambient operating temperature from ... to:	-25 °C ... 70 °C
Connection type:	Connector
Size of the cable gland:	M12
Type of output:	Semiconductor, pulsed
Number of safe outputs:	1
Safe switch on distance Sao:	4 mm
Status display:	✓
Housing:	Cylindrical

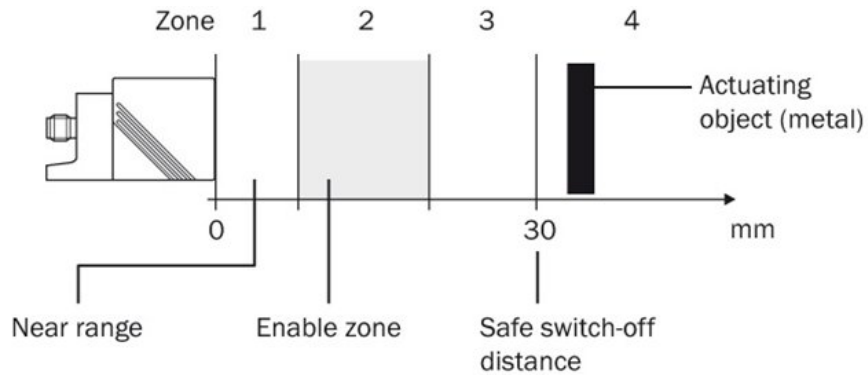
Dimensions: M18 x 90.5 mm

Installation type: Flush

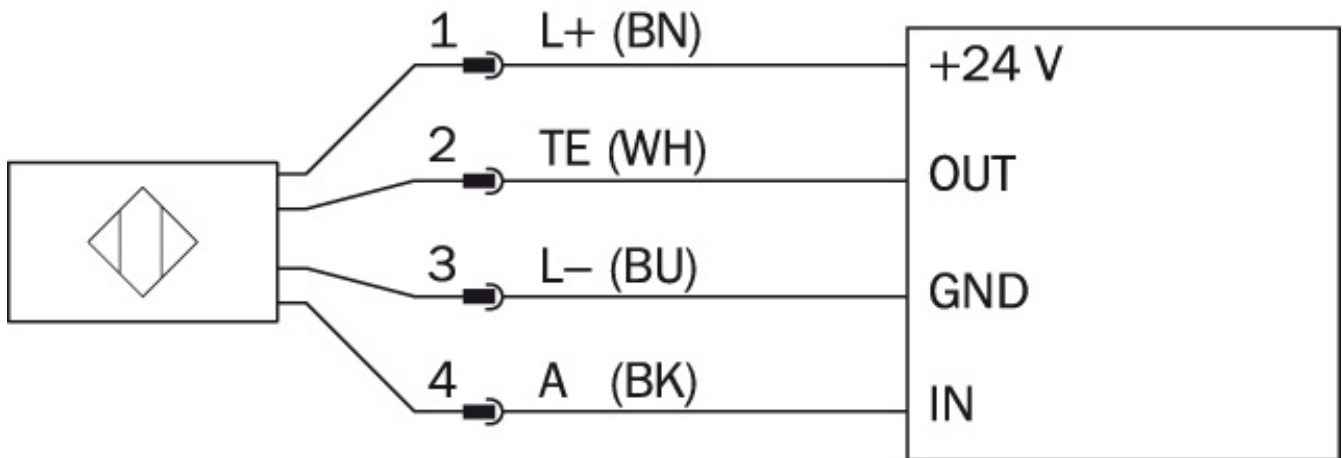
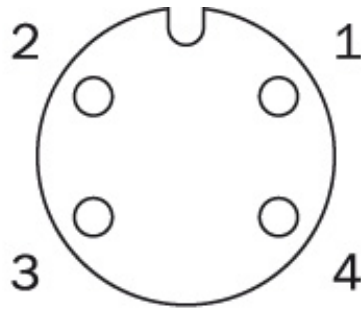
Weight: 0.06 kg

¹⁾ At -25 °C ... +70 °C and 5 % ... 95 % relative air humidity ²⁾ At +10 °C ... +40 °C and 5 % ... 70 % relative air humidity

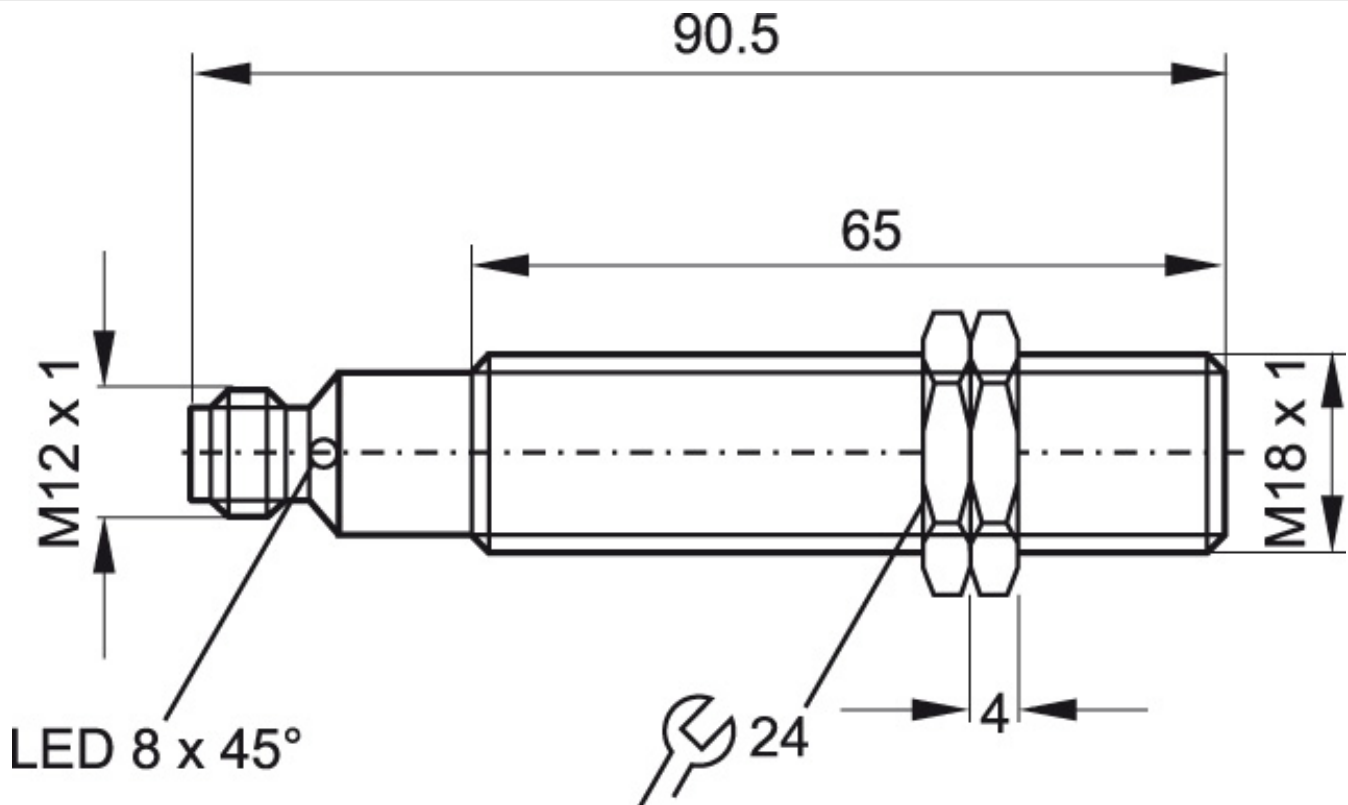
Response range



Connection diagram



Dimensional drawing



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