



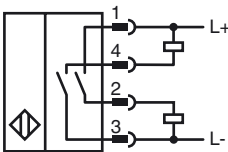
Model Number

FT4 50.000/0014

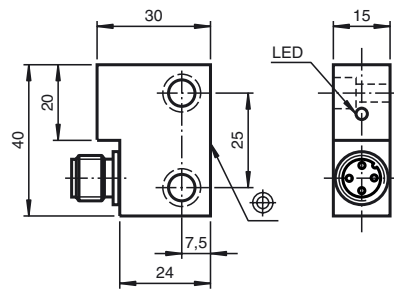
Features

- Comfort series
- 4 mm embeddable

Connection



Dimensions



Technical Data

General specifications

Switching element function	NO
Rated operating distance	s_n 4 mm
Installation	embeddable
Output polarity	DC
Assured operating distance	s_a 0 ... 3.24 mm

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 500 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protected		reverse polarity protected
Short-circuit protection		pulsing
Operating current	I_L	0 ... 400 mA
No-load supply current	I_0	≤ 15 mA
Indication of the switching state		LED

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
---------------------	--------------------------------

Mechanical specifications

Connection type	Device connector M12 x 1 , 4-pin
Housing material	PA 6.6 , black
Sensing face	PA 6.6 , black
Protection degree	IP67

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.
--------------	--