



CE

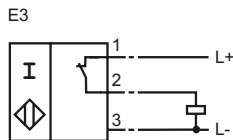
### Model Number

FT4 50.000/0828

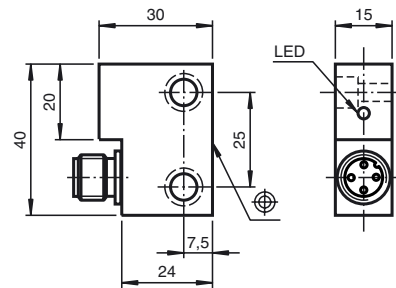
### Features

- Comfort series
- 4 mm embeddable

### Connection



## Dimensions



## Technical Data

### General specifications

Switching element function	PNP	NC
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	$I_0$	≤ 17 mA
Indication of the switching state	LED	

### Ambient conditions

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

Connection type	Device connector M12 x 1 , 4-pin
Housing material	PA 6.6
Sensing face	PA 6.6
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.
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