

## CONTACTLESS SAFETY SENSORS

### PI-SAFE PI M18 F

Fail-safe inductive sensor.  
Metal Thread M18 x 1.  
Length 70 mm flush mountable

#### Certifications:



#### Technical data:

Family	PI-SAFE
Code	1293002
Safety level (SIL / PL)	SIL 2 - PL d
Power supply (VDC)	19,2 ... 30
Connector	M12 4-pole straight
Response time (ms)	<= 1
Safety outputs	2 OSSD
Signalling	LED yellow (signal), LED green (power)
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -25 to 70
Mounting	Flush mountable
Output	DC PNP electrical design
Switching distance (mm)	1 ... 5 (FE360 = ST37K)
Housing	Brass white bronze coated body; PBT head
Length (mm)	70
Operating current (mA)	< 30 (Switching Max. 100)
Technical data	Max. capacitive load 20 nF. Short-circuit protection
Description	Metal thread M18 x 1
Product class	C

#### Accessories:

[CABLES CD 5](#)  
[CABLES CD 10](#)  
[CABLES CD 15](#)  
[CABLES CD 20](#)  
[CABLES CD 50](#)  
[CABLES CD 95](#)  
[CABLES CD 910](#)  
[CABLES CD 915](#)  
[CABLES CD 80](#)

#### Related products:

[PI-SAFE M18 bracket](#)

[PI-SAFE M18 mounting clamp](#)

**See technical drawing in the next page.**

Technical drawing:

