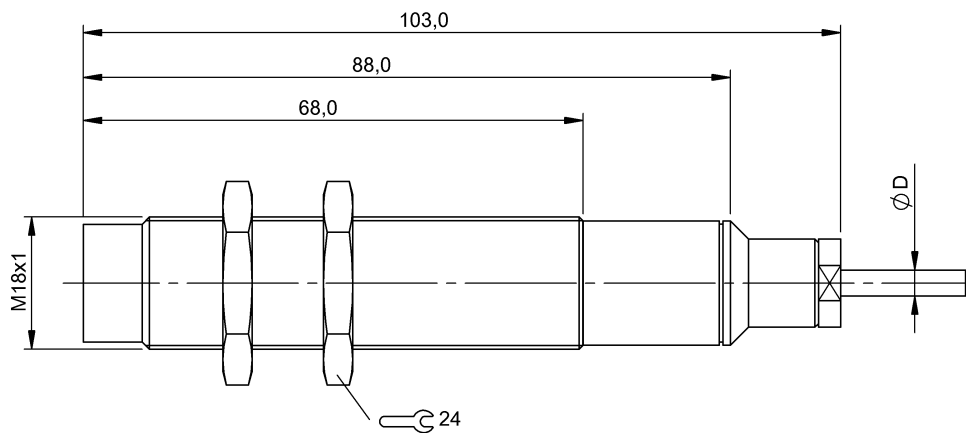


## BES 515-360-SA13-D-TF-05 BES04C7



### Electrical connection

Cable diameter D	3.70 mm
Cable length	5 m
Conductor cross-section	0.34 mm <sup>2</sup>
Connection type	Cable, 5.00 m, PTFE
Number of conductors	3
Polarity reversal protected	yes
Short-circuit protection	yes

### Electrical data

Hysteresis H max. (% of Sr)	10.0 %
MTTF (40 °C)	1900 a
No-load current I <sub>0</sub> max., undamped	7 mA
Operating voltage U <sub>b</sub>	10...30 VDC
Rated insulation voltage U <sub>i</sub>	75 V DC
Rated operating current I <sub>e</sub> DC	200 mA
Rated operating voltage U <sub>e</sub> DC	24 V
Ready delay t <sub>v</sub> max.	160 ms
Repeat accuracy max. (% of Sr)	5.0 %
Residual current I <sub>r</sub> max.	20 µA
Switching frequency	200 Hz
Voltage drop static max.	2.5 V

### Environmental conditions

Ambient temperature	-25...160 °C
Protection type IEC 60529	IP68

### Functional safety

Diagnostic coverage	0.0 %
Functional safety	no
Mission Time	20 a

### General data

Approval/Conformity	CE EAC
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### Material

Housing material	Stainless steel (1.4571)
Material jacket	PTFE, FEP
Material sensing surface	PEEK

### Mechanical data

Dimension	Ø 18 x 103 mm
Installation	non-flush
Size	M18x1
Tightening torque	25 Nm

### Output/Interface

Switching output	PNP Normally open (NO)
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### Range/Distance

Assured operating distance S <sub>a</sub>	6.5 mm
Range	8 mm
Rated operating distance S <sub>n</sub>	8 mm
Ripple max. (% of U <sub>e</sub> )	10 %
Temperature drift max. (% of Sr)	20 %

### Remarks

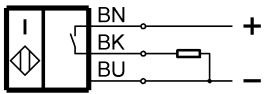
Installation instructions for ultra-high temperature rated inductive sensors 887015  
The sensor is functional again after the overload has been eliminated.

## BES 515-360-SA13-D-TF-05 BES04C7

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

### Wiring Diagram



### Diagram

