



## Inductive Sensors With Analogue Output

### Series 10 - IL

Housing M 18 x 1

- Housing material: Brass
- Operating range 0...5 mm adjustable

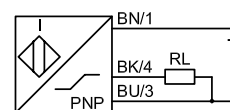
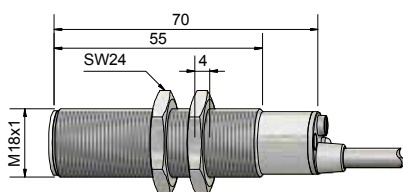
Certificate:



#### Technical data

Flush mountable

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Operating range                       | 0...5 mm                           |
| Linear range                          | 1.5...5 mm                         |
| Electrical version                    | 3-wire DC                          |
| Output function                       | Analogue                           |
| <b>Type analogue</b>                  | <b>IAS-10-A13-IL</b>               |
| <b>Art.-No.</b>                       | <b>105 750</b>                     |
| Connection diagram No.                | See below                          |
| Operating voltage ( $U_B$ )           | 15...30 V DC                       |
| Output current max. ( $I_e$ )         | $\leq 4... > 20$ mA                |
| Permitted residual ripple max.        | 5 %                                |
| No-load current ( $I_o$ )             | Typ. 40 mA                         |
| Output current active surface free    | $> 20$ mA                          |
| Output current active surface covered | $\leq 20... < 4$ mA                |
| Load resistor                         | $R_L = 0...300 \Omega$             |
| Permitted ambient temperature         | 0...+60 °C                         |
| LED-display                           | Green / yellow                     |
| Protective circuit                    | Built-in                           |
| Degree of protection IEC 60529        | IP 67                              |
| Norm                                  | EN 60 947-5-2                      |
| Connection cable                      | 2 m, PUR, 3 x 0.34 mm <sup>2</sup> |
| Housing material                      | Brass                              |
| Active surface                        | PTFE (FDA 21 CFR 177.1550)         |
| Lid                                   | PA / PPO                           |



All specifications are subject to change without notice. (12/2013)

Made in Germany