


Capacitive Sensors
Series 80 - PNP


Housing M 18 x 1

- Housing material: Brass
- Sensing distance 0.5...10 mm adjustable
- With flange connector M 12 x 1

Certificate:

**Technical data**

Flush mountable

Operating distance S_n	5 mm
Operating distance min. / max. adjustable	0.5...10 mm
Electrical version	4-pin DC
Output function	Antivalent

Type NPN**Art.-No.**

Connection diagram No.

Type PNP**KAS-80-A13-A-Y5****Art.-No.****801 981**

Connection diagram No.

6

Operating voltage (U_B) 10...35 V DCOutput current max. (I_o) 2 x 250 mAVoltage drop max. (U_d) $\leq 2,0$ V

Permitted residual ripple max. 10 %

No-load current (I_o) Typ. 15 mA

Frequency of operating cycles max. 300 Hz

Permitted ambient temperature -25...+70 °C

LED-display Yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67*

Norm EN 60947-5-2

Connection Flange connector M 12 x 1

Housing material Brass

Active surface PTFE (FDA 21 CFR 177.1550)

Lid -

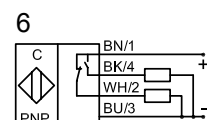
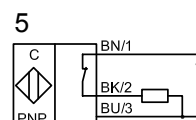
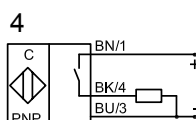
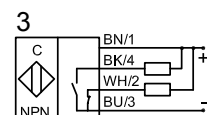
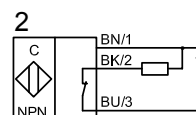
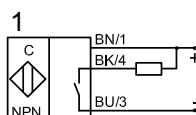
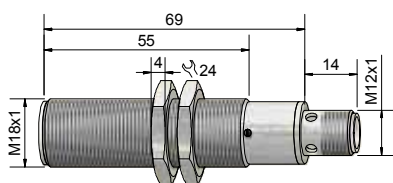
Media optimized Yes

Accessories (is delivered with the sensor)

2 pieces nuts M 18

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)



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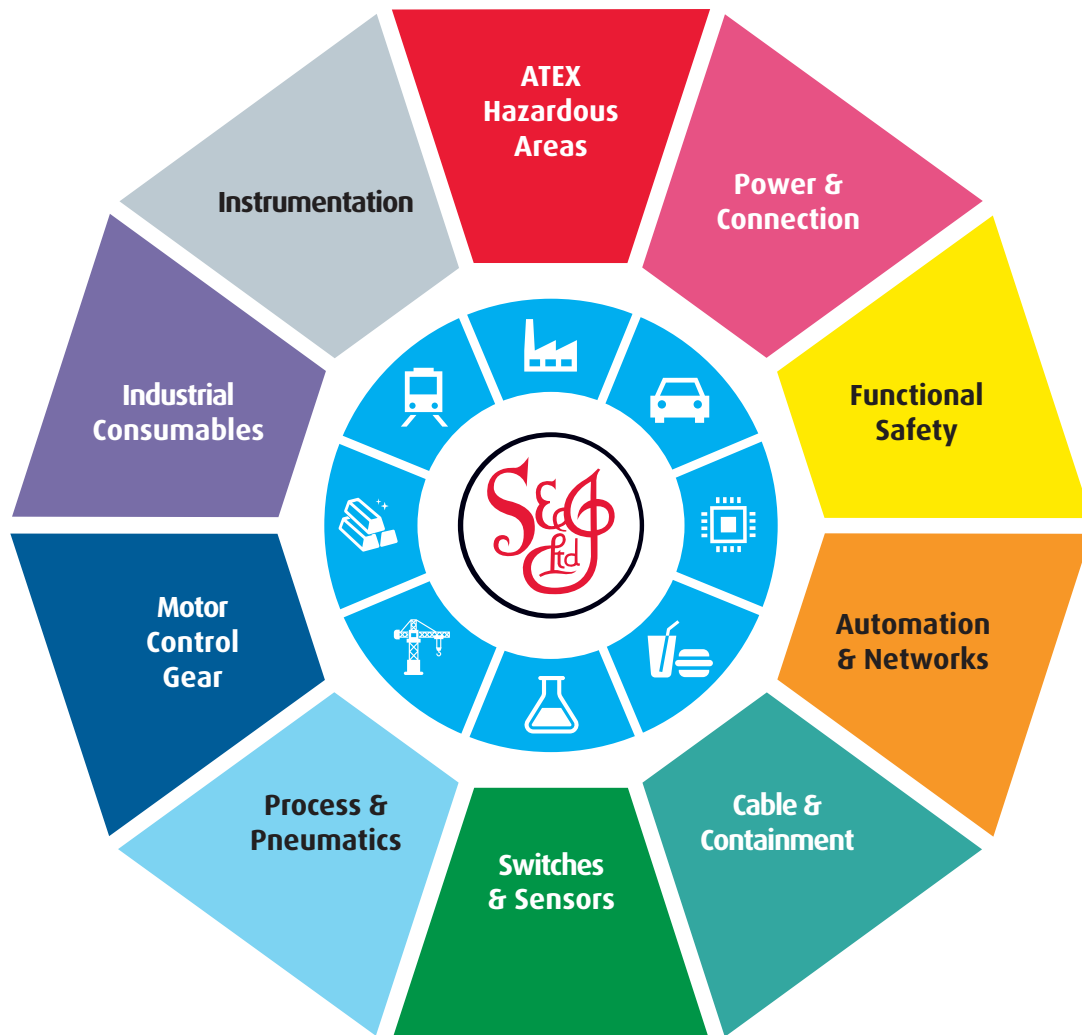
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