



SKG

Capacitive limit switch for welding sleeve system and modular process connections

Basic features

- ▶ Welding sleeve system with modular process connection
- ▶ Aseptic measuring point possible
- ▶ Detection of non conductive media
- ▶ Wetting parts made of PEEK
- ▶ Ex II 1/2D T 101°C // Ex II 2G EEx m II T4
- ▶ FDA (FDA 21 CFR 177.2415), EHEDG-conformal

Technical features

- ▶ Housing made of PEEK, end piece of PC
- ▶ Switching distance adjustable 0...20 mm
- ▶ Output function: ambivalent
- ▶ Working temperature up to 101°C max.
- ▶ Ambient temperature -25...+ 90°C
- ▶ Connection: Plug M12x1, 4-pol.
- ▶ Screw G1", elastomer-free sealing system
- ▶ protection class IP67
- ▶ Torque for sealing system: 10...20 Nm
- ▶ Supply voltage 10...30 VDC
- ▶ Output proportional to the supply voltage 2 x 150 mA max. PNP NO/NC
- ▶ Voltage drop < 2,0 V max.
- ▶ Allowed rest waviness: 10%
- ▶ Stand by voltage: Typical 15 mA
- ▶ Switching frequency 50Hz max.
- ▶ LED-display green/yellow

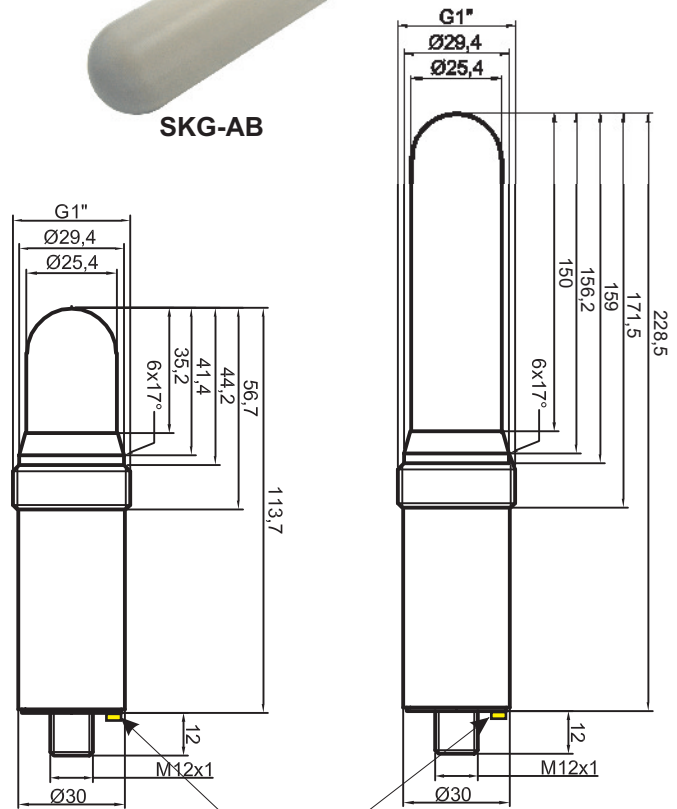
Favoured fields of application are e.g:

- ▶ Limit switch control of bulk materials in silos or containers
- ▶ For operation in dust explosion-prone areas Zone 20
- ▶ For operation in gas explosion-prone areas Zone 1



SKG-AA

SKG-AB



SKG-AA

SKG-AB

Attention!
To do settings on the unit, please remove the plastic-protection-screw!

Certifications



DMT 01 ATEX E 157

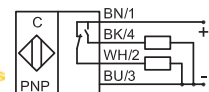
IECEx BVS 07.0015

Ex II 2 G EEx m II T4

Ex mb II T4

Ex II 1/2 D IP67 T101°C

Ex tD A20/21 IP 67 T101°C



Order Code

SKG - **A** -

Version

Mounting length 35 mm

Mounting length 150 mm

A

B