



Products

Inductive sensors with terminal chamber connection for the Food & Beverage industry

HIGHEST SWITCHING DISTANCE & FACTOR1

- Removable terminal strip
- Simple exchange in case of maintenance
- Flexible cable exit
- Simple removal and mounting of the sensor even in wired state
- uprox®+ technology



removable terminal strip



suited for M16 x 1 cable glands



variable cable exit

Mounting condition switching distance Sn	Threaded barrel
4 mm *	M12 x 1
10 mm **	M12 x 1
8 mm *	M18 x 1
15 mm **	M18 x 1
15 mm *	M30 x 1.5
30 mm **	M30 x 1.5

* recessed mounting possible

** mounting up to the upper edge of the thread
with reduced switching distance

Technical data:

- Degree of protection IP67/IP69K
- 3-wire DC, 10...30 VDC, 200mA
- Normally open, pnp output
- Suited for standard cable glands M16 x 1
- -40 °C...100 °C
- Housing material: Stainless steel A4 1.4404
- Active face: Plastic, LCP-GF30
- Terminal chamber housing: Plastic, LCP-GF30

- Terminal chamber cover: Plastic, Ultem
- Food safe, FDA conform

The application of sensors with terminal chamber connection is commonly used in the Food & Beverage industry. In order to profit from the advantages of the uprox[®]+ Factor 1 sensors, the uprox[®]+ Wash-Down series is now also available with extremely flexible terminal chamber connection.

The sensor allows a straight or 90° angled cable routing by simply twisting the cover. The removable terminal strip with convenient and vibration resistant cage clamp technology enables simple and quick connection of the sensor. LEDs in the terminal chamber inform the user about the switching status.

The new uprox[®]+ sensors with cage clamp technology are available as M12, M18 and M30 versions, fulfil all requirements of food safety and are FDA conform.

V4A stainless steel housings and a special sealing guarantee reliable protection against aggressive cleaning agents and high pressure cleaning methods.

Like all uprox[®]+ Factor 1 sensors the new terminal chamber version guarantees maximum freedom with regard to development of machinery and systems. Highest switching distances and extreme flexibility with regard to mounting, are only two outstanding advantages of this sensor type – especially when considering stainless steel targets which commonly occur in the Food & Beverage industry.

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