

INDUCTIVE FACTOR 1 SENSORS

WITH TERMINAL CHAMBER
CONNECTION FOR THE
FOOD & BEVERAGE
INDUSTRY



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.

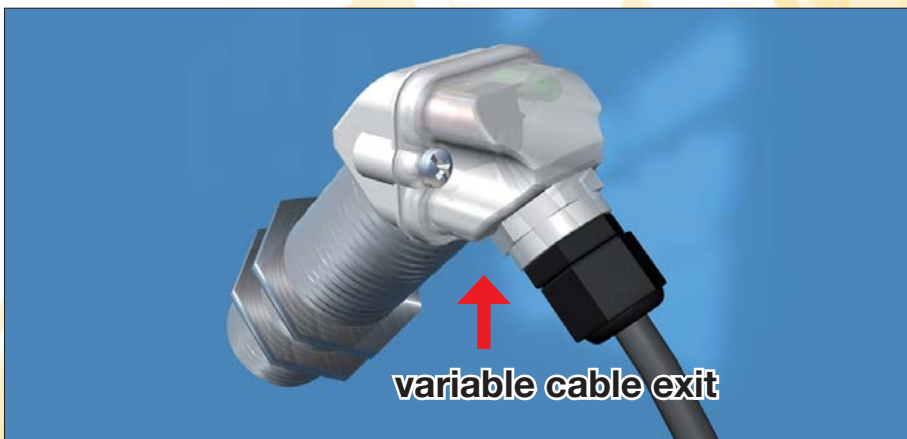
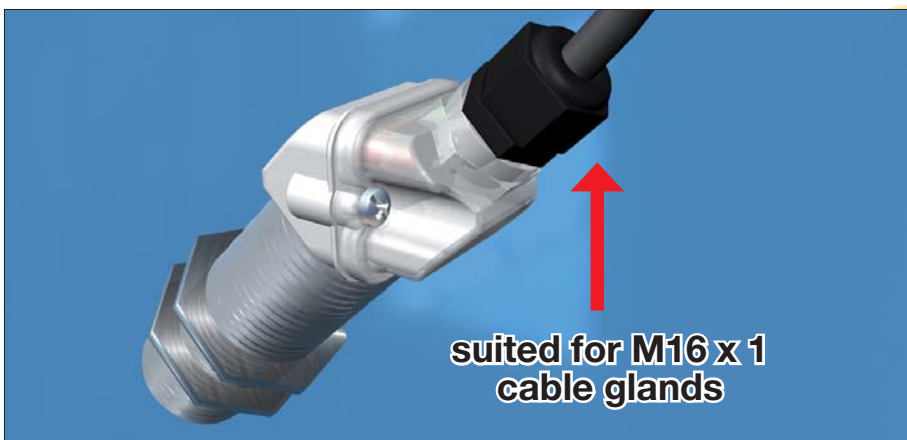
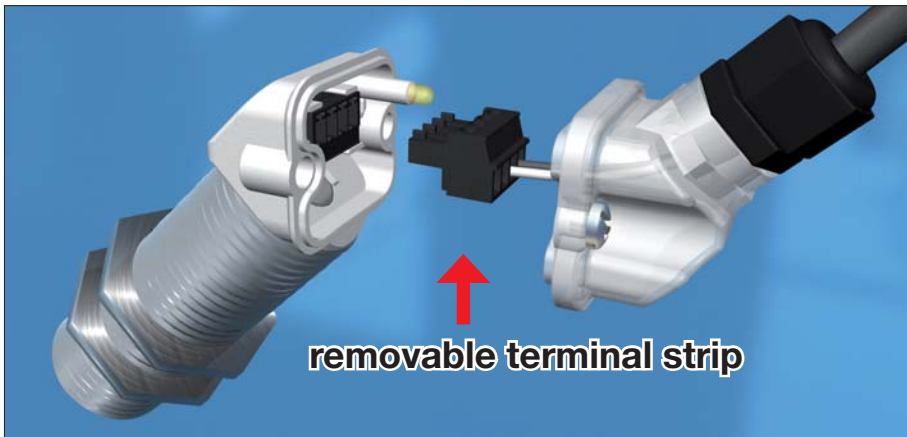
- Removable terminal strip
- Simple exchange in case of maintenance
- Flexible cable exit
- Simple removal and mounting of the sensor even in wired state
- *uprox*[®]+ technology

HIGHEST SWITCHING DISTANCE & FACTOR 1

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

TURCK

Industrial Automation



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

Ident-no.	Type	Mounting condition switching distance S_n	Threaded barrel
1634760	Bi4U-EM12WDTC-AP6X	4 mm *	M12 x 1
1634761	Ni10U-EM12WDTC-AP6X	10 mm **	M12 x 1
1634762	Bi8U-EM18WDTC-AP6X	8 mm *	M18 x 1
1634763	Ni15U-EM18WDTC-AP6X	15 mm **	M18 x 1
1634764	Bi15U-EM30WDTC-AP6X	15 mm *	M30 x 1.5
1634765	Ni30U-EM30WDTC-AP6X	30 mm **	M30 x 1.5

* recessed mounting possible

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

Availability expected for 1st quarter 2008



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