

# VISY-Reed Interstitial

## Leak Detection for Double-walled Tanks

VISY-Reed Interstitial sensors detect liquids in the interstices of double-walled tanks if present. The level of the liquid is monitored and an alarm will be released when the threshold has been passed.

VISY-Reed Interstitial is available as a "Dry" type for dry interstices and a "Wet" type for interstices filled with liquids.



VISY-Reed Interstitial Dry,  
VISY-Reed Interstitial Wet

### Functions

VISY-Reed Interstitial sensors combine simple floater switches based on reed contacts with the VISY-Sensor interface for connection to VISY-Command. The

floater follows the level of the liquid as it rises, and a magnet opens a reed switch inside the sensor pipe. This alarm message is transmitted directly to VISY-

Command. Thanks to the low power input, VISY-Reed sensors of different types can be operated on a single channel of VP parallel to a VISY-Stick.

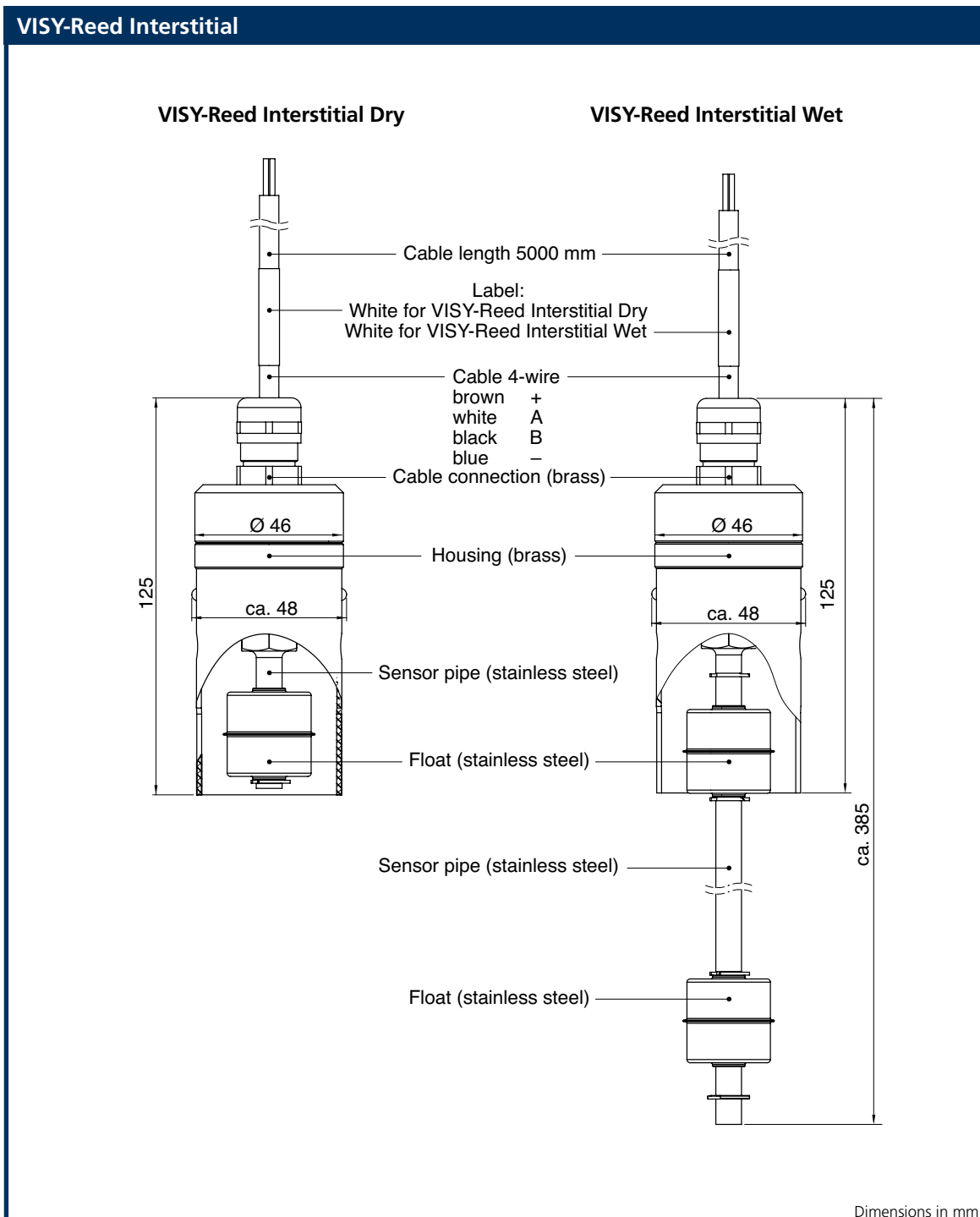
### Features of FAFNIR technology

- Solid, stable design
- Housing made of brass, floater made of stainless steel
- No additional cable required due to operation on VISY-Sensor bus parallel to VISY-Stick and VISY-Reed Sump
- Response threshold at ca. 30 mm (VISY-Reed Interstitial Dry)
- Tolerance range of 260 mm (VISY-Reed Interstitial Wet)

### Technical Data

#### VISY-Reed Interstitial

- » Product: Tolerance range (wet): ca. 30 to 290 mm
- » Response threshold fuel (dry): ca. 35 mm
- » Response threshold water (dry): ca. 30 mm
- » Float: Stainless steel Ø 26 mm
- » Electrical connection: 4-wire cable
- » Protection class: IP68
- » Sensor material: Stainless steel/Brass
- » Approvals: ATEX, IECEx



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