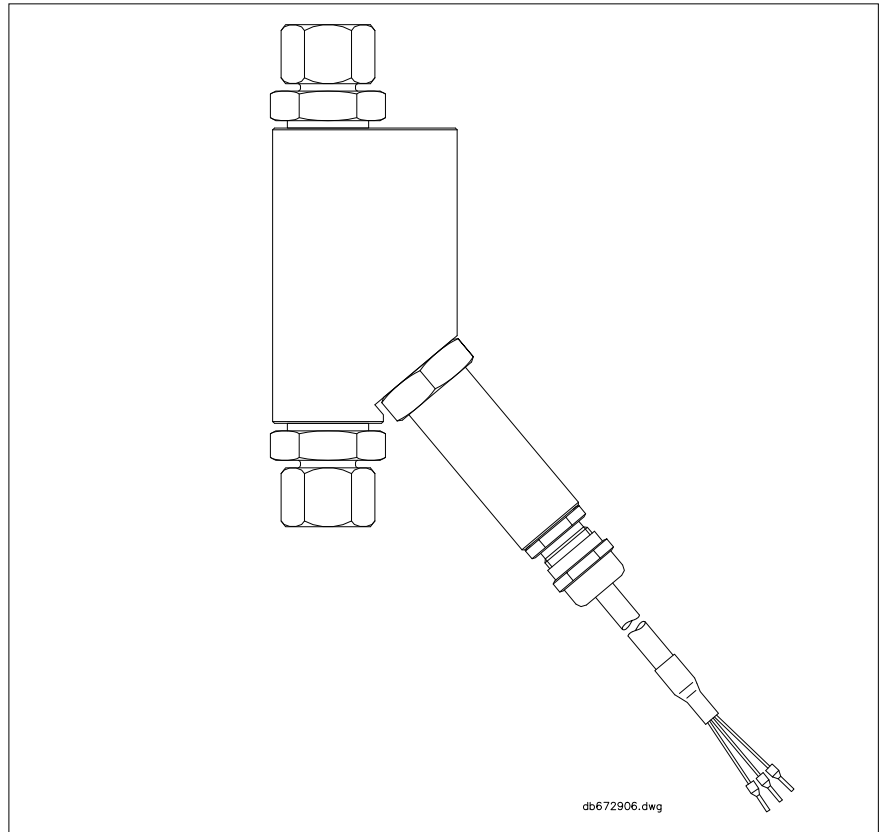


„Empty tank“ sensor, optical, type 6729-22

The sensor type 6729-22 serves to monitor the medium in tanks or pipe systems.

Operating principle

The detection of air is based on an optical principle. The infrared light emitted by a transmitter LED is conveyed through a glass cylinder with a conical tip. If the glass cone is in the air, the light beam is reflected at the cone tip so that it falls on a photo transistor. If the cone is in a liquid, the light beam is not reflected.



„Empty tank“ sensor, type 6729-22, with Y-piece, mounting position.

Technical data

Electrical version:
DC NPN (open collector, minus-switching)

Operating voltage: DC 10-15V
Operating voltage (series B): DC 10-15V
Current consumption for 12 V: < 10 mA

Current-carrying capacity of the switching output: < 20 mA
Internal resistance of the switching output: < 500 Ω

Cable length: 3 m,
Protective type: IP65,
Ambient temperature: - 20 ... + 70 °C

Connection: G ½"

Materials

Casing: brass
Optics: glass
Seals
Medium-touched: Viton

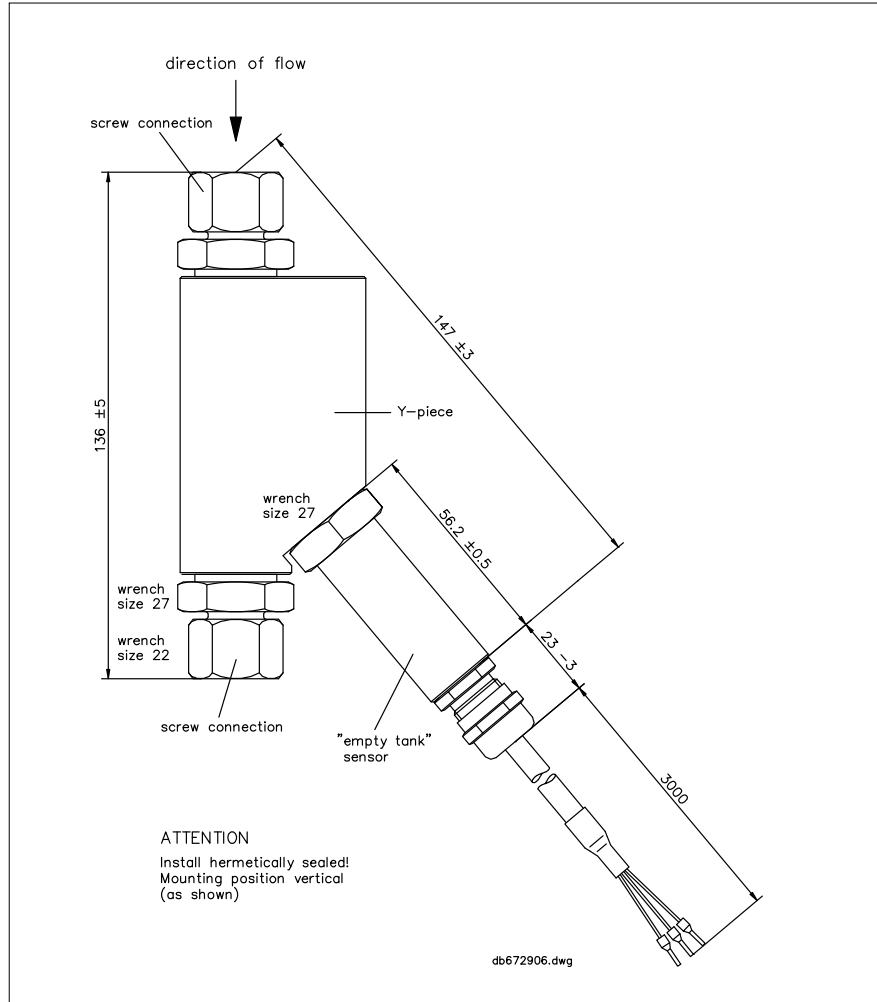
Ordering details

„Empty tank“ sensor, type 6729-22
Order no. 891 1 672922

Y-piece for „empty tank“ sensor
Order no. 05008027

Screw connections G ½ "
Order no. 496474

Dimensions



Connection diagram

