

FK01

Conductive Level Switch Electrode

- **low-cost electrode for lateral installation**
- **simple mounting**
- **wetted parts made of stainless steel and PTFE**
- **max. temperature: 120 °C**



Description:

The conductive level switch of the model series FK01 is used in connection with the electrode relay FKE for detection of the level of conductive liquids.

An alternating current is applied to an electrode electrically insulated from the tank wall. If the electrode is wetted by the medium, a small current can flow from the electrode through the medium to the wall of the tank. In case of plastic tanks a second electrode has to be mounted as ground. This current signal is detected by the relay and serves as the signal for the switch.

Typical application:

- Monitoring levels in tanks with conductive liquids
- Status full and status empty detection
- Level control between 2 levels
- Overfill protection
- Dry run protection

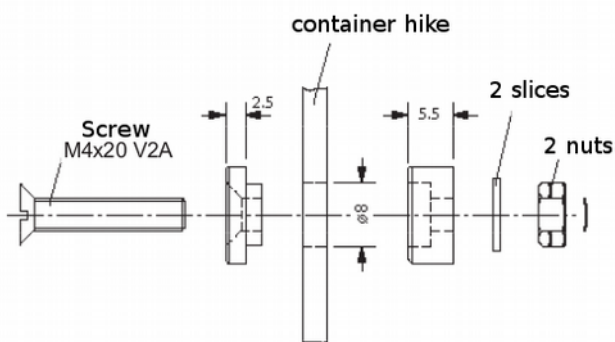
Model:

FK01: Low-cost screw-in electrode made of stainless steel with PTFE isolation

Technical Data:

Screw-in electrode: conductive
Material: Stainless steel 1.4301
PTFE connector
Max. temperature: 120 °C

Dimensions FK01:



Order Code:

Order number	FK01. 1. 0
Conductive level switch electrode	
Material: 1 = stainless steel / PTFE	
Options: 0 = without 9 = please specify in plain text	

Accessory:

FKE Electronic controller for conductive level sensors

