Model Number

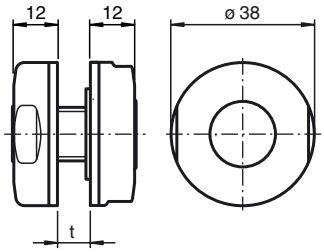
MH-18H-01-FA

Mounting aid, 18 mm in accordance with EHEDG

Features

- Retainer for 18 mm cylindrical sensors with smooth housing
- Installation in 3 ... 8 mm thick sheet metal
- Simple installation and exact setting

Dimensions



Technical data

Ambient conditions	
Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Mechanical specifications	
Material	stainless steel 1.4404 / AISI 316L , EPDM
Cut out dimensions	Hole diameter 29 mm t = 3 ... 8 mm
General information	
Supplementary information	FDA: All materials used for the sensor comply with CFR, title 21, §177.2600 (FDA)
Approvals and certificates	
CCC approval	CCC approval / marking not required for products rated ≤36 V
EHEDG	Type EL Class I AUX
ECOLAB	yes

Caution!
Cap nuts (4a and 4b) must not be tightened more than fingertight!

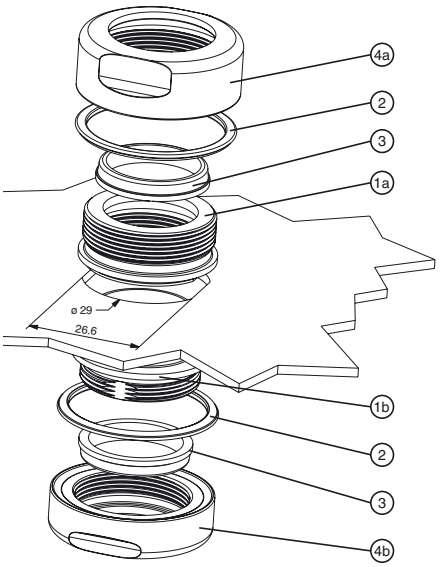
Description

This mounting aid is suitable to fix sensors with a 18 mm smooth cylindrical housing. Due to its special design it is best suitable for applications where high hygiene standards have to be considered.

Installation

Mount the sensor as follows:

1. Make a through hole in the mounting plate with the required dimensions (see illustration).
2. Insert the threaded sleeve (1a) with the flattened collar first into the through hole.
3. Screw the treaded nipple (1b) into the internal thread of the threaded sleeve (1a) from the opposite side of the mounting plate and tighten it with a 26 mm wrench.
4. Lay an O-ring (2) arround the ledges of the so formed screwing at each side.
5. Lay the gaskets (3) into the cap nuts (4a) and (4b).
   Pay heed for centric seating of the gaskets.!
6. Screw the cap nuts (4a) and (4b) on the screwing from both sides, loosely.
7. Place the sensor with 18 mm cylindrical smooth housing in the screwing and adjust it concerning to your sensor application.
   Pay heed for the gaskets (3) that must clasp around the sensor, properly.
8. Fix the sensor position by tightening of the cap nuts (4a) and (4b) fingertight.



Release date: 2017-01-09 11:36 Date of issue: 2017-01-09 229834_eng.xml