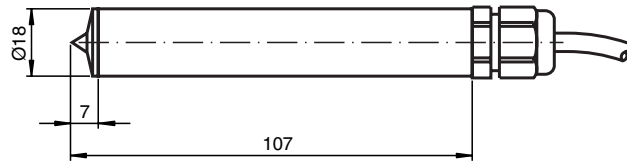




Dimensions



Type code

KVF-103-K

Features

- 13 V DC supply voltage
- Monitoring of overflow and back pressure
- Capable of distinguishing between water and liquid
- No moving parts
- Simple mounting

Function

The overflow sensor KVF-103-K is a suspended sensor for monitoring liquid overflow and blockages in fat separators. The KVF-103-K must always be connected to a warning device of type NVD-11.

The sensor has an integrated electronic circuit which, via an oscillator circuit, emits a weak HF signal that changes depending on whether the sensor element is surrounded by water or by air. The sensor can distinguish between water and air.

Technical data

Supply	
Rated voltage	13 V DC
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EC	EN 61000-6-2 , EN 61000-6-3
Conformity	
Electrical isolation	EN 50178
Protection degree	IEC 60529
Ambient conditions	
Ambient temperature	-20 ... 60 °C (253 ... 333 K)
Mechanical specifications	
Protection degree	IP68
Connection	cable , length 5 m (15 ft) , lead cross section 2 x 0.75 mm ²
Material	Stainless steel
Mass	approx. 350 g
Dimensions	Ø18 x 107 mm (Ø0.7 x 4.2 in)
General information	
Supplementary information	Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see www.pepperl-fuchs.com .

Release date 2007-07-25 08:24 Date of issue 2007-07-25 196087_ENG.xml