

# Leakage Detector

## DF1130



### Description

The non-programmable DF1130 leakage detectors are used in combination with the DF1100 leak-monitoring system to monitor underground, double-walled pipe systems.

### Operation

The DF1130 leak detector consists of a detection unit and a DF1020 measuring head.

This measuring head has two measurement electrodes which, after being correctly installed in the pipe, detect the presence of fluid. Thanks to the measuring head's special construction, it is not affected by condensation. The detection unit activates an alarm if the electrodes detect fluid.

This is made visible on the DF1130 leak detector by means of two LEDs, so that the leak can be quickly and efficiently traced.

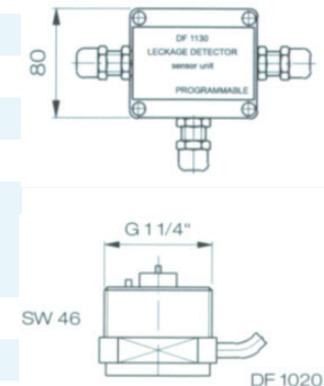
Once the leak has been repaired, the sensor can be refitted in the pipe after it has been cleaned.

Thanks to the use of high-quality materials, the DF1130 leak detector is resistant to aggressive mediums.

### Technical specifications

#### Technical specifications DF1130

Supply voltage:	12 VDC
Nominal current consumption:	3 $\mu$ A
Max. current consumption:	50 mA
Measurement range:	G = 10-7 to 1 S(iemens)
Weight:	Approx. 390 g
Material:	Polypropylene - Measurement head - Electrodes - Housing Hastelloy C-276 Aluminium
Dimensions:	75 x 80 x 59 mm
Ingress protection:	DIN 40050, IP65
Electrical connection:	Connector 1.5 mm <sup>3</sup>
Alarm indicator:	Red LED
Relative humidity:	90% non-condensing according to DIN 40042
Temperature:	- 10 °C to 70 °C



### Electrical connection:

