Water alarm unit
WW6

The ingress of water into fluid power or lubrication systems reduces the life of oil significantly and causes damage to other components used in the systems .

The most reliable method of detecting water in oil is to measure the interface level between water and oil when the water is separated. The BÜHLER water alarm units have a float which rises in water but sinks in oil. It only takes a build-up of around 90 ml of water in the sight glass to elevate the float and actuate a contact to signal danger.

Water alarm units for intank installation are available upon request.

- **reliable physical measuring system**
- **high sensitivity**
- **easy installation**
- **independent of oil chemistry**
- **assembly kit available**

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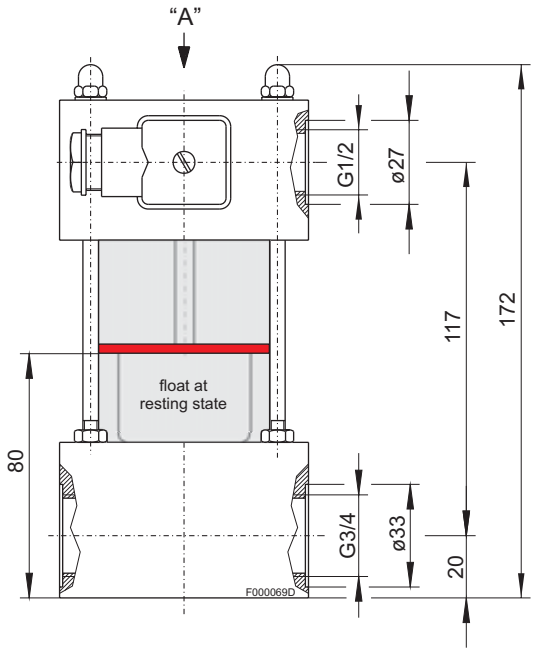
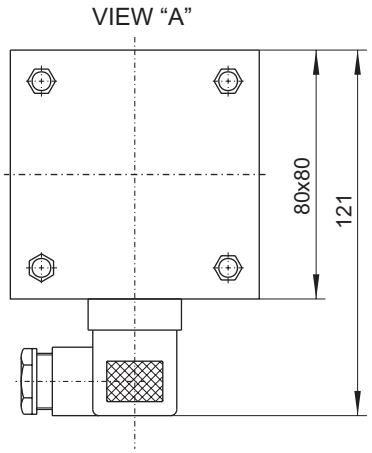
DE 30 0001
03/2005

technical data

max. operating pressure	6 bar
opertaing temperature	max. 80°C min. 0 °C
max. viscosity range	1200 mm²/s
material	
housing	AL / PC
float	PP
type of contacts	reed contacts as a NO*- or change over- contact
max. operating voltage	230 V AC/DC
max. rupturing capacity	50 VA / 40 VA
max. current	1 A
connector	M3 3pol. + PE DIN 43650
protection class	IP 65
cable gland	PG 11
weight	approx. 1,35 kg

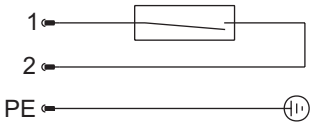
*NO=normally open



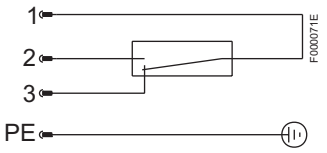


wiring diagramm

WW 6
one contact NO (normally closed)



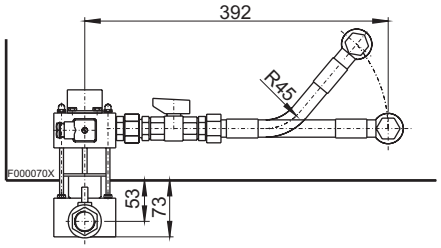
WW 6/SW
one change over contact

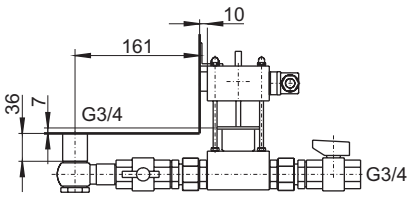


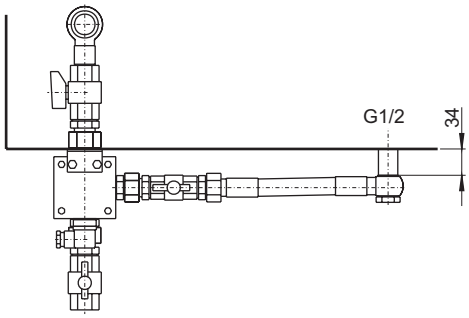
All figures at **empty reservoir** (float on bottom).

assembly kit

The assembly kit enables a compact and easy installation of the water alarm unit to the oil reservoir. The set compromises all connections, fittings and shut off valves. The fittings provide a very small "dead" volume. The upper connection is a flexible hose, thus providing a very simple installation.







order information	**assembly kit**
part-no.	3204999

order information

water alarm unit	WW6	WW6/SW
function	one contact NO	one change over contact
part-no.	3003999	3004999
inklude assembly kit	3003899	3004699