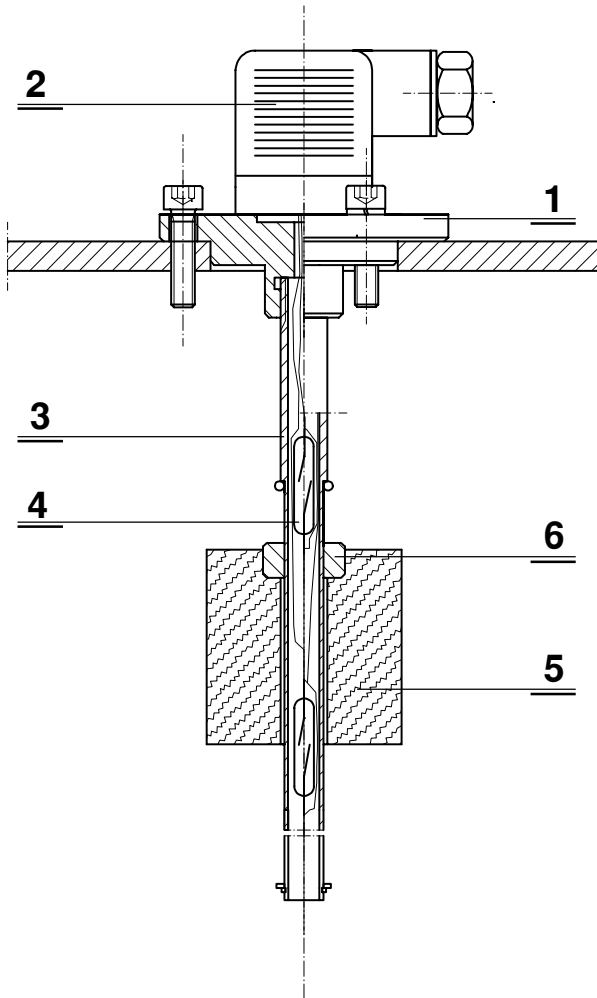
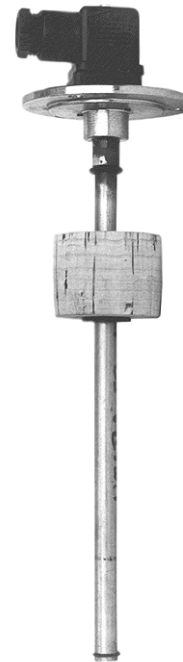


Oil level indicator type UOSP... serves to monitor the oil level in tanks of hydraulic power units.
Depending on the design, the oil level indicator can monitor one or two fluid levels.



DESCRIPTION OF OPERATION

Oil level indicator UOSP consists of the flangw 1, plug-in connector 2, probe 3 and float 5 with a permanent magnet. The probe 3 is made of a tube ,in which one or two reed relaias 4 are incorporated. The magnetic field of the magnet acts on operating con-tacts inside the probe. When the fluid level changes, the float moves along the probe and the contacts connect.

TECHNICAL DATA

Minimum distance between fluid level and flange	$a_{min} = 60 \text{ mm}$
Minimum distance between reed relies	$b_{min} = 60 \text{ mm}$
Maximum distance between reed relies	$b_{max} = 400 \text{ mm}$
Maximum voltage of signalling circuit	24 V ; 110 V
Maximum current for connecting of contacts	0,4 A max.
Sensitivity (change of oil level causing the indicator to transmit a signal)	15 mm

HOW TO ORDER

UOSP / *

1 reed rely - 1
2 reed relies - 2

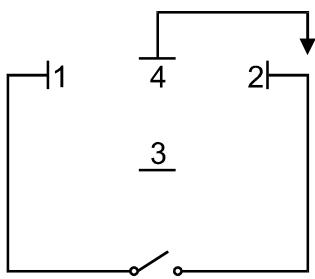
Dimension a - on request (in mm)

Dimension b - on request (in mm)

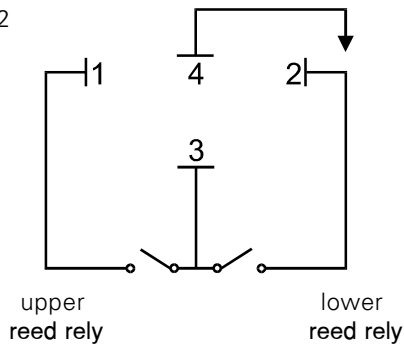
Further requirements in clear text (to agree with the manufacturer)

ELECTRIC SCHEMES

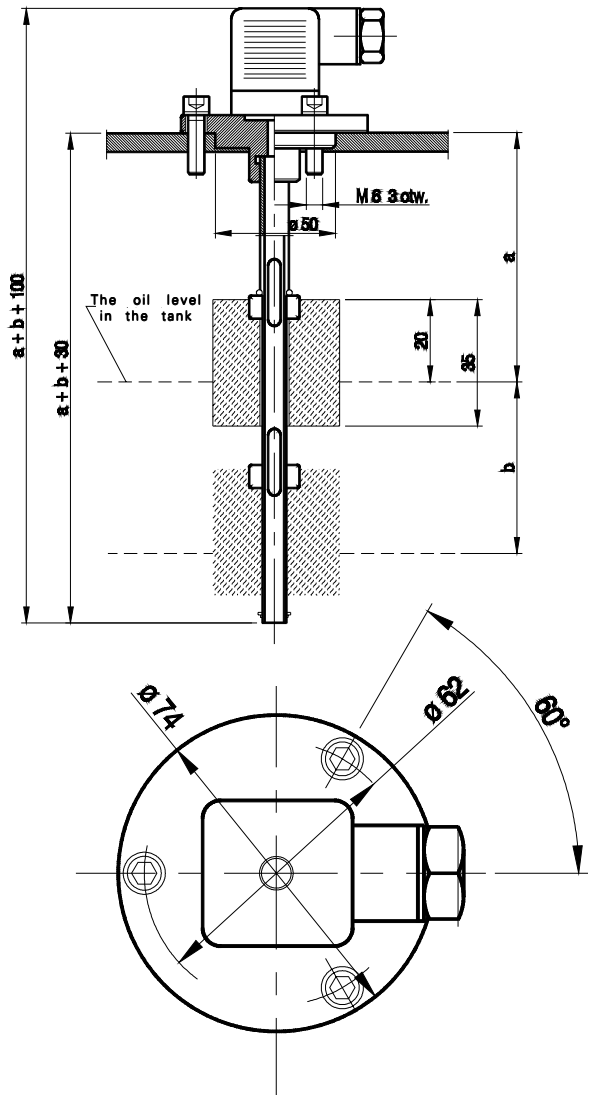
UOSP - 1



UOSP - 2



OVERALL DIMENSIONS



Mounting by means of 3 bolts M6 x 20 - 8.8
PN - 74/M-82302 (DIN 912 - 8.8).
Tightening torque $M_d = 10,4 \pm 1,5$ Nm.
The bolts should be ordered separately.

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