



Purchase Order Data:

Company:
 Purchase order no.:
 Project:
 Quantity: Tag no.:

Operating Conditions

Fluid: *1)
 Viscosity of liquid: max. 150cSt @ operating temperature range
 Density: 0.55 ... 1.1g/cm³ g/cm³:
 Operating pressure: max. 6bar(g) @ 20°C *2) bar(g):
 Design pressure: " bar(g):
 Operating temperature: -40°C up to max. 100°C *2) °C:
 Design temperature: " °C:

Design and Materials:

standard execution:
 Float chamber: 316/316L
 Float: NBR foam 0.55 ... 0.70g/cm³ **38578/0.6**
 0.71 ... 0.85g/cm³ **38578/0.8**
 0.86 ... 0.95g/cm³ **38578/0.9**
 0.96 ... 1.10g/cm³ **41622/1.0**

Gaskets: fibre compound Aramid/NBR **80338** Standard
 pure PTFE non reinforced **85628**
 Closing plug with gasket G1" ISO 228-1, with connecting thread: Standard

Indication Rail:

Polycarbonate, IP 65, flaps red/silver, shrink clip fixation **34837/10** Standard
 Increased fixation for indication rail (top and bottom) **34837/20**
 Heavy fixation for indication rail (vibrations, shock etc.) **20050105/1**

Indication distance "M":

M ≤ 3000mm (L = M + 150mm) M = mm:

Process connections:

Female G1/2" (ISO 7-1 / ISO 228-1) Standard
 Top cap and bottom plugged

- all indicated dimensions in [mm]
- position of fixation bracket shown at time of delivery (180° opposite of indication rail)

Accessories:

Fixation bracket, moveable no. 45143-1: dimension "A", mm:
 (recommended for L > 2000mm)

Magnetic switch *3):

type 37557/3	SPST, 100V/0,5A/10VA/10W	3m cable	Qty: <input type="text"/>
type 37589	SPST, 100V/0,5A/10VA/10W	plug	Qty: <input type="text"/>
type 31130-NN/3	SPST, 250V/1A/220VA/160W	3m cable	Qty: <input type="text"/>
type 31160-NN/3	SPDT, 250V/1A/60VA/40W	3m cable	Qty: <input type="text"/>

Transmitter (without shipbuilding approval) *3):

type 29710-010-10	resistant output	10mm resolution	5m cable	<input type="checkbox"/>
type 31967-010-10	4...20mA output	10mm resolution	5m cable	<input type="checkbox"/>

PED (2014/68/EU) assessment:

Fluid group 1 (dangerous or unknown) = article 4.3 (no marking, no material certificate)
 Fluid group 2 (all others) = article 4.3 (no marking, no material certificate)

*2) Notice max. pressure-temperature rating!

Test pressure will be specified according to WEKA specification "Pressure- and Temperature Information"

*3) Notice mounting specification for switches and transmitters no. 20010501

*1) Some recommended liquids for viscosity less than 150cSt over the specified operating temperature range:

- aviation gas
- diesel fuel
- fuel oil
- hydraulic oil
- kerosene
- motor oil
- naphta
- regular premium gasoline
- methanol
- ethanol
- water (no drinking water)

Because of the float there is no Ex protection certificate available!