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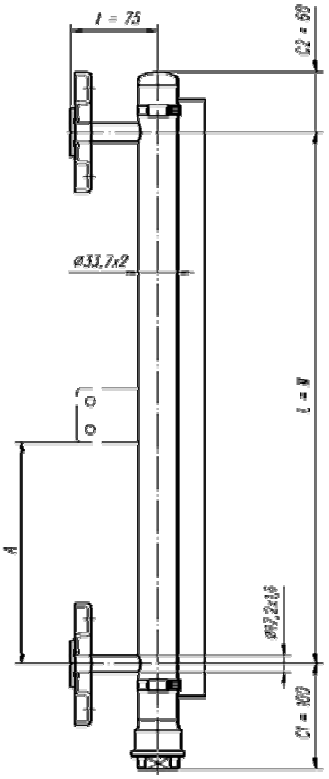
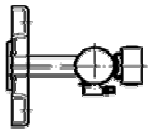
Economy Line 6 — Type: 34000E-K





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

Purchase Order Data:

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

Operating Conditions

Fluid: *1)			
Viscosity of liquid:	max. 150cSt @ operating temperature range		
Density:	0.6 … 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	0.60 … 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			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 = L <= 3000mm — M = mm:

Process connections:

EN / DIN - pressed lap-joint flanges PN10 (304/304L)	DN15:
- connecting dim. acc. to EN 1092-1/02 A/PN 10 / DIN 2642/PN10	DN20:
- collars, sealing surface EN 1092-1/32 B1 / DIN 2526 form C, 316L	DN25:

ISO / ANSI - loose flanges, PN20 / class150 (304/304L)	DN15 / 1/2":
- connecting dim. acc. to ISO-DIS7005-1.2 / ANSI/ASME B16.5	DN 20 / 3/4":
- collars, raised sealing surface SF (smooth finish), 316L	DN 25 / 1":

Accessories:

Fixation bracket no. 26936: dimension "A", mm:
(recommended for L > 2000mm)

Magnetic switch *3):

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

Transmitter (without shipbuilding approval) *3):

type 29710-010-10	resistant output	10mm resolution	5m cable
type 31967-010-10	4…20mA output	10mm resolution	5m cable

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

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

PED (97/23/EC) assessment:

Fluid group 1 (dangerous or unknown)	= article 3.3	(no marking, no material certificate)
Fluid group 2 (all others)	= article 3.3	(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

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