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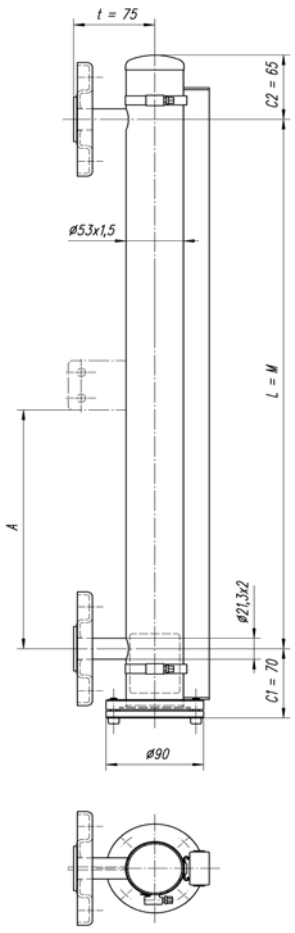
Economy Line 6 — Type: 23614E-K



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

*1) Some recommended liquids for viscosity less than 600cSt 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!

Purchase Order Data:

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

Operating Conditions

Fluid: *1)			
Viscosity of liquid:	max. 600cSt @ operating temperature range		
Density:	0.8 ... 1.3g/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	0.80 ... 0.90g/cm³	***39525/0.8*** ☐
		0.91 ... 1.00g/cm³	***39525/1.0*** ☐
		1.01 ... 1.30g/cm³	***39525/1.2*** ☐
Screws and nuts:	A2-70, ISO 3506		
Gaskets:	fibre compound Aramid/NBR	***80361***	Standard
	PTFE, racked	***80426***	☐

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	☐

PED (2014/68/EU) assessment:

Fluid group 1 (dangerous or unknown)	= article 4.3	s. dia. 2 for max. length M (no marking)
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

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