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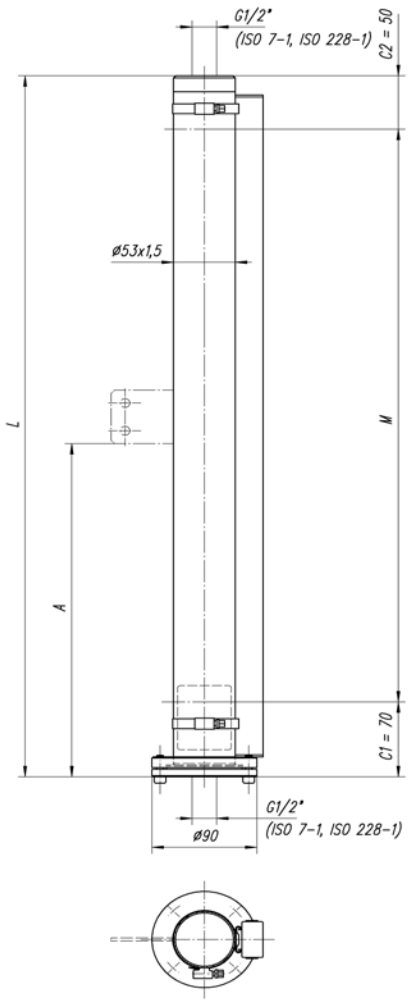
Economy Line 6 — Type: 23614E-A



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 <= 3000mm (L = M + 120mm) M = mm:

Process connections:

female G1/2" (ISO 7-1 / ISO 228-1) Standard

Top cap and bottom flanged

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

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 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!

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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