LEVEL GAUGE - LV SERIES

Technical Features:

Fixing heads: in nylon
Protection: in anodised aluminium
Transparent tube: in perbex
Fixing screws: in tropicalized carbon steel
Installation: in vertical position with two M12 threaded holes or two Ø 13 mm passing holes
Standard axle base: 127mm or 254 mm
Working temperature: from -20 °C to + 80°C
Maximum working pressure: 2 Bar
Mechanical life: 10^6 cycles at 20°C
Warranty: see dedicated page
Spare parts: see dedicated page
Also available:
- Any axle base value between the fixing holes until 2.5 m
- Executions with maximum level electric signal
- **LVT** with thermometer for the indication of the temperature
- **LVE** with minimum level NA electric contacts alarm (close the contact in absence of liquid)
- **LVSE** with minimum level exchange electric contacts alarm

Electric features for LVE/LVSE:
- Electric connection: according to DIN 43650
- Electric protection: according to DIN 40050: IP65
- Maximum load on the electric contacts:
  AC until 48 Volt – 1 Ampère
  DC until 48 Volt – 0.5 Ampère

CE

HOW TO ORDER

LV ▪ ▪ ▪▪▪

Type	Execution	Axle base of the holes	Type of the electric signal
		mm	
LV	T execution with thermometer E execution with NA contacts SE execution with exchange contacts If omitted means only visual	2 means 127 mm 3 means 254 mm	MAX maximum level signal if omitted means standard execution

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SENSOR TO INFRARED SBS3 SERIES

Technical features

SBS3

Is present a polychromatic led that indicates the instrument working condition

Body : in Brass
Installation : in every position
Maximum dimension (L =width max, H =height max):
L 48mm x H 85mm
Hydraulic connection : ½"BSP male, ⅜"BSP male
Working temperature : from -10 °C to + 85°C
Compatible fluids : non aggressive of group II
Signal repeatability : ± 2mm on the semisphere axis
Assembly :
- to install the sensor away from infrared sources
- to hold the point of the sensor at least 50mm far from reflecting surfaces
- do not put the sensor in a point of liquid stagnation
- do not use for the survey of frozen liquids

Electric features :
- Power supply standard: 24 VDC ± 10%
  (on request: 12 VDC ± 10%)
- Type of contact : exchange contacts
- Electric connection according to DIN 43650
- Electric protection according to DIN 40050: IP 65
- Maximum load on the electric contacts:
  1 Ampère at 24 Volt DC

Electrical connections :
Pin 1= supply
Pin 2= Contact NC
Pin 3= Contact NO
Pin T= GND
Mechanical life : 10^6 cycles at 20°C
Warranty: see dedicate page
Also Available :
SBS3X with body in AISI 316L stainless steel

HOW TO ORDER

SBS3 - . . .

Type	Maximum pressure	Hydraulic Connection		Body material	Power supply
	Bar	1	2		
SBS3	10	½"BSP	⅜"BSP	X AISI316L If omitted means in BRASS	12V special version if omitted means standard version

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SENSOR TO INFRARED - SBS4 SERIES

SBS4

Technical Features :

Body: in polifusion loaded to fibre-glass
Maximum dimension (L =width max, H =height max):
L 25mm x H 50mm
Hydraulic connection : ⅜"BSP
Torque tighten: 7 Nm
Working temperature: from –10° C to + 85°C
Compatible fluids : non aggressive of group II
Signal repeatability : ± 2mm on the semisphere axis
Connection cable : antioil cable with standard length of 1 m
Assembly:
- to install the sensor away from infrared sources
- to hold the point of the sensor at least 50mm far from reflecting surfaces
- don't put the sensor in a point of liquid stagnation
- don't use for the survey of frozen liquids

Electric Features:
- Power supply : 24 VDC ± 20%
- Output : Transistor PNP 100mA max
- Type of contact :
  - NA standard execution (open without liquid and closed with liquid)
  - On request execution with NC contact

Electrical connections :
Brown = positive
Black = output
Bleu = negative

Mechanical life: 10^6 cycles at 20°C

Warranty : see dedicated page
Also available: execution with power supply 24 VAC ±20%

CE

HOW TO ORDER

SBS4 -

Type	Maximum pressure	Type of electrical contact
	Bar	
SBS4	10	C normally closed if don't indicate means standard execution

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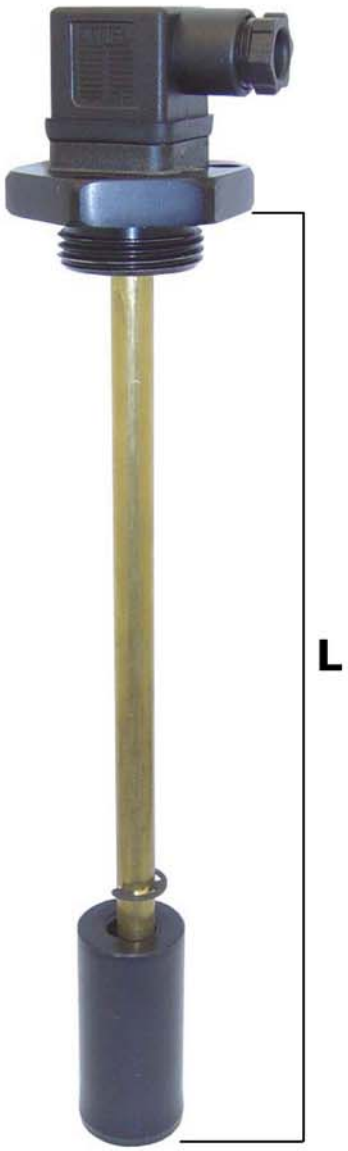
LIVELLOSTATI ELETTROMAGNETICI SERIE LG1



LG1

LG1R

Technical Features:

Flange of fastening : in fibred nylon
Rod: in Brass OT62
Float: in nylon
Assembly : in vertical position by 3 different types of hydraulic connection in only one execution **:**

- two holes flange (180°)
- three holes flange (120°)
- 1″ BSP Male thread connection

Installation: must be foreseen at least at 50mm from ferrous walls and far from magnetic fields
Maximum inclination : 15°
Working temperature : from -20 °C to + 90°C
Maximum viscosity of the fluid : 150 cSt
Minimum dimensions of the entire level gauge : 150mm
Available dimensions: values with increase of 50 mm from the minimum quote

Mechanical life: 10^6 cycles at 20°C

Electric Features:
- Electric connection according to DIN 43650
- Electric protection according to DIN 40050: IP65
- Electric Reed contacts in exchange
- Maximum load on the electric contacts :
  - AC up to 48 Volt – 1 Ampère
  - DC up to 48 Volt – 0.5 Ampère

Warranty : see dedicated page

Also available:
- LG1R: with adjustable level of intervention
- **LG1 _ T _**: with incorporated bimetallic termostat

CE

HOW TO ORDER

LG1 . .. / ...

Type	Adjustable execution		Bimetallic Thermostat incorporated		Length L intervention point
				°C	Only for fixed execution LG1
LG1	R1	90 < L < 220	T4	40	indicate the length request the minimum length is 105mm *NOTE: the dimensions are available with increase of 50mm beginning from the minimum length of 105 mm
			T5	50	
	R2	200 < L < 370	T6	60	
			T7	70	
	R3	350 < L < 600	T8	80	
			T9	90	
	If omitted means standard execution		If omitted means standard execution		

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