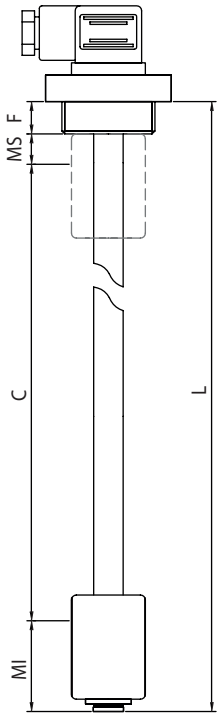
IEG-GCL

CONTINUOUS LEVEL INDICATORS



	FLOATS			
	A	B	C	D
MS (mm)	5	10	20	20
MI (mm)	20	40	35	35

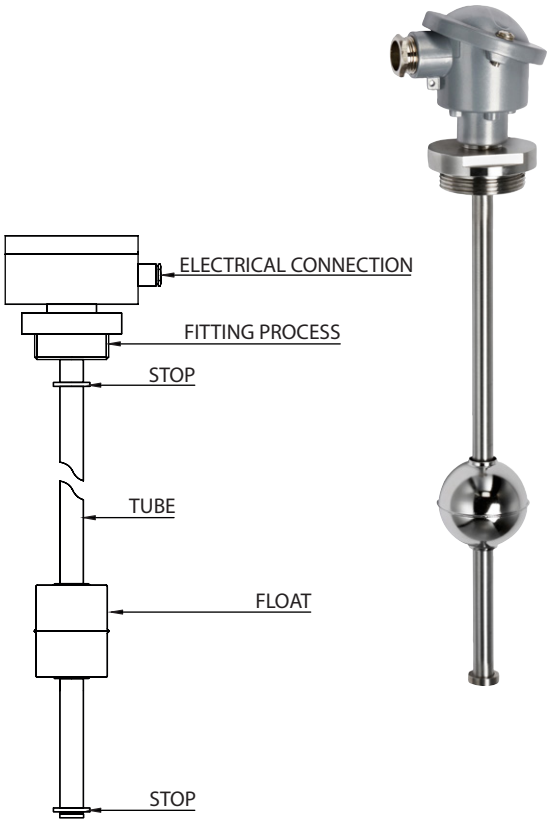
FOR CONNECTIONS 3-4-5-6-7-8-12-13
C= MAX CONTROL FIELD
C= L-MI-MS

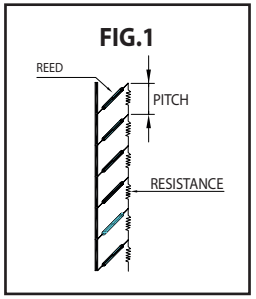
FOR CONNECTIONS 1-2-9-10-11
C= MAX CONTROL FIELD
C= L-MI-MS-F

USE:
The Levels electromagnetic reed-chain resistors Indicators allow a precise and constant indication of the fluid level, regardless of its electrical conductivity, pressure and temperature and by the presence of foam in it; essentially they have a simple structure, since the only moving part is the float which, depending on the flow or drain the liquid, flows through a tube.

OPERATION:
The floating stay within a toroidal magnet, whose field operates, without physical contact, small reed contacts placed inside the pipe flow (see Fig.1). The drive of these contacts allows the integration or gradual shutdown of the resistance, also placed inside the pipe flow, allowing the continuous reading of liquid level.
Resistive signal thus generated can be directly used by devices that accept inputs well structured, or through a converter Ohm - 4/20mA can drive most of the electronic devices on the market (PLC).

TECHNICAL ADVANTAGES:
- Constant and continuous indication of the level with high accuracy of repeatability.
- Linear index of the level, regardless of the shape of the tank and the distance between gauge and the tank walls.
- Remote indication of the measure and possibility of piloting of additional controls. Possible assembly by-pass.

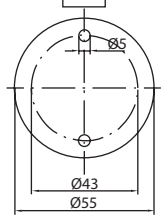




TECHNICAL DATA AND ORDER

AISI 316 PROCESS CONNECTION

5



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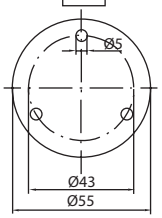

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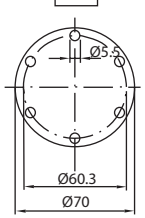

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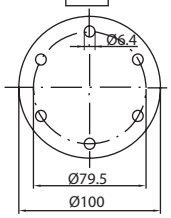
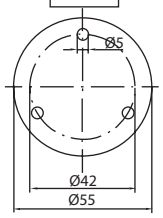


AISI 316 STAINLESS STEEL

12



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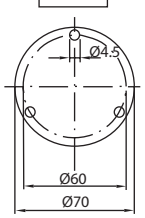
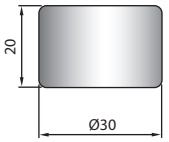
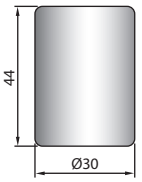


NBR FLOATS

A

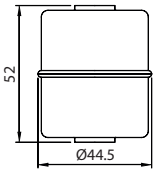


B

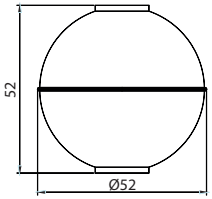


AISI 316 S/STEEL FLOAT

C

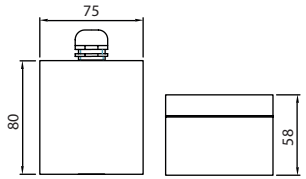


D

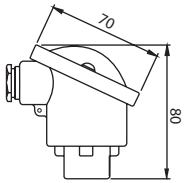


ELECTRICAL CONNECTIONS

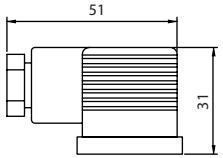
A ALUMINIUM IP65 HEAD



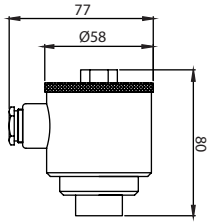
B ALUMINIUM IP68 HEAD



C IP65 CONNECTOR

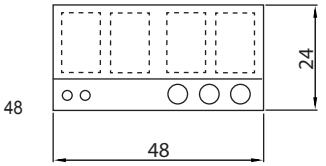


D IP68 S/STEEL HEAD

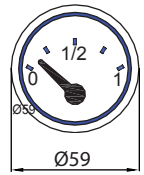


VIEWERS

1 DIGITAL DISPLAY
2 ADJUSTABLE ALARMS



2 ANALOG DISPLAY
DEPTH: 50mm



MODEL	PITCH mm	TUBE MATERIAL	"L"	"C"	CONNECTION: MALE THREADED DOWNWARD	CONNECTION: FLANGED	FLOAT: NBR A - Ø30x20	FLOAT: NBR B - Ø30x44	FLOAT: S/STEEL C - Ø44,5x52	FLOAT: S/STEEL D - Ø52X52	OUTPUT	ELECTRICAL CONNECTION	POWER	OPTIONAL DISPLAY
IEG-GCL	12	A BRASS Ø11	from 100 to 1500 mm	CS= MAX ALLOWED C= "CUSTOMER SPECIFICATION"	1 1" BSP (F= 12)	1" BS Ø 55 WITH 2 HOLES	USABLE WITH STEP 12 USABLE WITH CONNECTION 1-3-4-5-6-7-8	USABLE WITH STEP 12-24-36 USABLE WITH CONNECTION 1-2-3-4-5-6-7-8-9-10-11-12-13-14	USABLE WITH STEP 12-24-36 USABLE WITH CONNECTION 10-11-13-14	USABEL WITH STEP 12 USABLE WITH CONNECTION 11	1 4-20 mA	A - B - D WITH TRANSDUCER 4-20mA	12-30 Vdc	0= WITHOUT 1=DIGITAL
					2 1" NPT (F=19)	6 Ø 55 WITH 3 HOLES					2 O-10 V (external module)	C	19-29 Vdc	0= WITHOUT 1= DIGITAL
					3 1"1/4 BSP	7 Ø 70 WITH 6 HOLES					3 EXECUTION ON CUSTOMER'S SPECIFICATION: Ohm	C	NO	0= WITHOUT 2= ANALOGIC
					4 1"1/4 NPT	8 Ø100 WITH 6 HOLES					4 EXECUTION ON CUSTOMER'S SPECIFICATION: Ohm with MIN. LEVEL ALARM CLOSED IN ABSENCE	C	OPTIONAL (for alarms)	0= WITHOUT 2= ANALOGIC
					14 1"1/2 BSP (only A-B connection)									
					ANODIZED ALUMINUM for TUBE A									
		B S/STEEL Ø12	from 150 to 3000 mm		9 1" BSP (F= 12)						5 EXECUTION ON CUSTOMER'S SPECIFICATION: Ohm WITH MAX LIVEL ALARM CLOSED IN PRESENCE	C	OPTIONAL (for alarms)	0= WITHOUT 2= ANALOGIC
					10 1"1/2 BSP (F=12)	12 Ø 55 3 HOLES								
					11 2" BSP (F=15)	13 Ø 70 3 HOLES					6 EXECUTION ON CUSTOMER'S SPECIFICATION: Ohm WITH MIN LEV. CLOSED IN ABSENCE AND MAX LEVEL CLOSED IN PRESENCE ALARM	A - B - D	OPTIONAL (for alarms)	0= WITHOUT 2= ANALOGIC
					S/STEEL FOR TUBE B									
ES: IEG-GCL	12	B	L800	CS	9		B				1	A		1