

SENSOR LEVEL TYPE LINEAR

Thread and Flanged Connections - Length up to 6 mt - Potentiometric or 4-20 mA output

TECHNICAL DATA STANDARD EXECUTION

Measuring accuracy	5, 10, 20 mm
Output	Potentiometric, 4-20 mA, Display plus analogic output
Length	Up to 6 mt
Materials	Brass, St. Steel AISI 316, PVC, Polypropylene, PVDF
Working Pressure	Up to 40 bar (in funzione del galleggiante impiegato)
Working temperature	Standard up to 105 °C, on demand 120 and 150 °C
Protection	Minimum IP65

ORDERING CODE

LC B45 10 700/750 O -L 25 G 0 W1 L 1,5

LC, LCT, LCTO

B20, B44, B45, F49, P49, V49, T57, S52, S100

5 - 10 - 20

L0/LM

O - S - V - P - F

-L, -O, -S, -V

10, 15, 25, 32, 40, 50, DN65, DN125

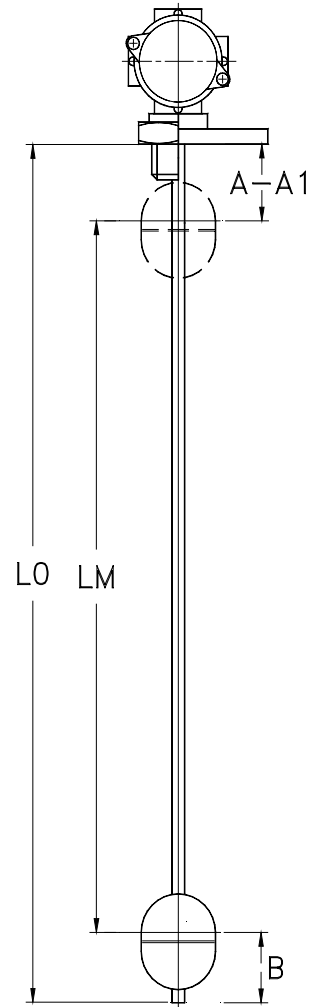
G - C - N

O - S - V - P - F

W1 - S1 - P1 - P2 - P3 - 01

B - D - L - M - R

P1 - P2 - P3 - 1,5 - 3

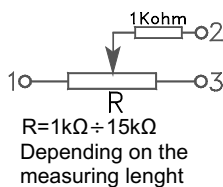


CODE EXPLANATION (for the right code see tabel in nextr page)

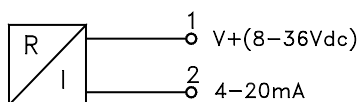
LC	Level meter Potentiometric output
LCT	Level meter Analogic 4-20 mA output
LCTO	Level meter Analogic (0)4-20 mA with Display
B45	Float (Tab. 1)
10	Measuring accuracy mm. (Tab. 1)
700/750	Length of measuring LM and sensor L0 mm (Tab. 4)
O	Process connection material available (Tab. 3)
L	Dumping tube (on request) (Tab. 4)
25	Process connection size (Tab. 3)
G	Process connection (Tab. 3)
0	Process connection material (Tab. 3)
W1	Electrical output (Tab. 2)
L	Temperature class (Tab. 1)
1,5	Cable length (Tab. 2)

ELECTRICAL WIRING

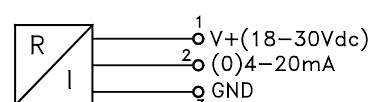
Type LC
POTENTIOMETRIC OUTPUT



Type LCT
ANALOGIC 4-20 mA OUTPUT



Type LCO
ANAL. OUTPUT 4-20 mA + DISPLAY



SENSOR LEVEL TYPE LINEAR

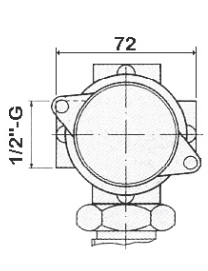
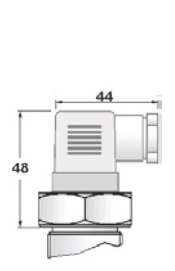
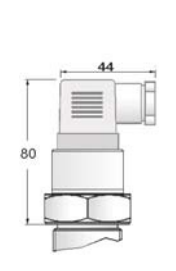
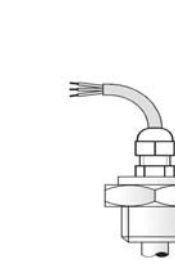
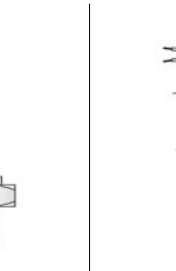
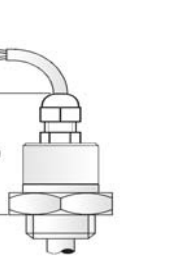
Thread and Flanged Connections - Length up to 6 mt - Potenziometric or 4-20 mA output

Tab.1 FLOATS



Type mm	B20 Ø30x20	B44 Ø44x50	B45 Ø30x45	F49 Ø49x53	V49 Ø49x53	P49 Ø49x53	T57 Ø52x56	S52 Ø52x68	S100 Ø100
Materials	Butadiene Acrylonitrile Copolimer			PVDF	PVC	Polypropylene	AISI 304	AISI 316	
PS.	0,55	0,45	0,35	0,8	0,7	0,45	0,5	0,65	0,6
Max pressure bar	20			6		3	15	40	15
Max temperature °C	120			130	60	80	150		
Measuring accuracy mm	5 - 10	5 - 10 - 20		5 - 10			5	5 - 10 - 20	10 - 20

Tab. 2 ELECTRICAL OUTPUT

W1	S1	S1	P1 - P2 - P3	P1 - P2 - P3	O1
Housing IP65	Plug DIN 43650	Plug DIN 43650	#1 Cable-gland Brass IP68 P2 Cable-gland Polyamide IP67 P2 Cable-gland Brass IP54	#1 Cable-gland Brass IP68 P2 Cable-gland Polyamide IP67 P2 Cable-gland Brass IP54	Head-Display OMNI
					
LC - LCT	LC	LCT	LC	LCT	LCO

Tab. 3 PROCESS CONNECTIONS

Type LC with P1-P2-P3 output Mounting from inside			Type Float	Type LC - LCT - LCO Mounting from outside - threads available					
10	15			25	32	40	50	DN65	DN125
3/8	1/2			1"	1-1/4"	1-1/2"	2"	Flange	Flange
All float type All threads type			20	G	G-C-N				
			B44			G	G-C-N	•	
			B45	G	G-C-N	G-C-N			
			F49				G-C-N	•	
			P49				G-C-N	•	
			V49				G-C-N	•	
			T57				G-C-N	•	•
			S52				G-C-N	•	•
			S100						
male threads			Materials available						
G	C	N	O	S	V	P	F		
UNI 228/1	UNI 7/1	NPT	Brass	AISI-316	PVC	Polypropylene	PVDF		

Tab. 4 DIMENSIONS

A Flanged
A1 Thredas

The L0 - LM dimensions are measuring starting from the fixing point of the process connection.
Tolerance on L0 - LM dimension + 3 mm.

	B20	B44	B45	F49	P49	V49	T57	S52	S100
A	10	25	25	30	30	30	30	30	50
A1	25	45	40	50	50	50	50	50	-
B	15	30	30	30	30	30	35	30	55

Minimum distances mm

Dumping Tube	-	-L	-O	-S	-V
On request	-	aluminium	Brass	AISI-316	PVC