

GENERAL CHARACTERISTICS



The principle of operation is, based on the gradual shutdown of a chain of resistors and reed contacts, placed inside the guiding rod, by a magnetic float. The only moving element is the float that moves, for buoyancy, along the measuring rod. This ensures a high degree of reliability.

- **Stainless steel – AISI 316**
- Measuring resolution 5 – 10 – 20 mm.
- Local indicator 4 digit (9999)
- Display and electrical connection are independently rotatable 335°/343°
- Analogue output switchable mA or V
- Parametrization via NFC communication system through APP
- Integrated datalogger function
- Up to 6m length.
- Maximum working pressure 50 Bar
- Operating ambient temperature -30/+55°C UR 90%.
- Standard working temperature up to 105°C.
- Minimum degree of protection IP65.



FLOATS

Tab.1

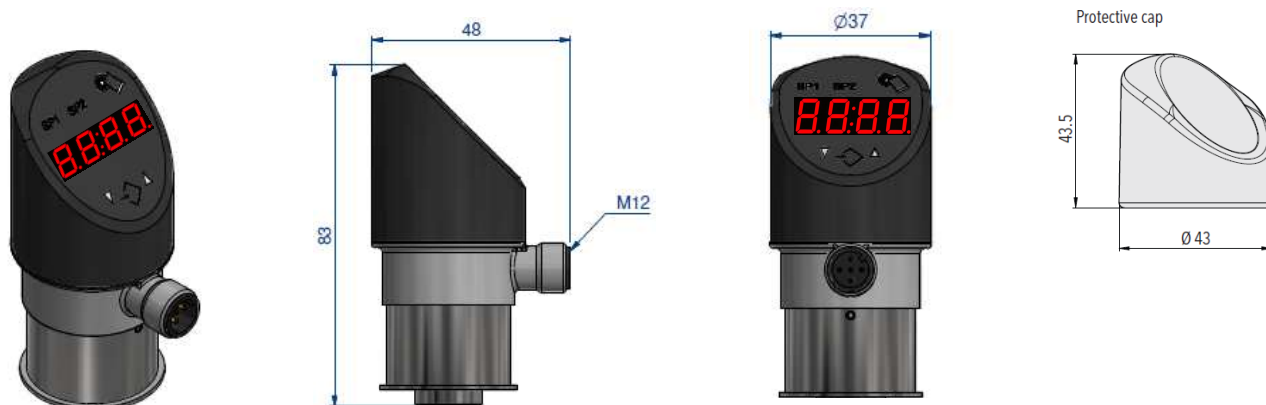


	S29 Ø30x32	S29 Ø30x32	S40 Ø40x52	S52 Ø52 (S)	S52 Ø52x68	S100 Ø100
Material	Stainless steel – AISI 316					
Specific gravity	0,75	0,55	0,78	0,7	0,65	0,6
Measuring resolution - mm	5	5	20	5	10 – 20	10 – 20
Max. bar	30	10	15	50	40	15
Max. °C - Class	L = 105°C N = 130°C (option – with heatsink)					

ELECTRICAL OUTPUT – DIMENSIONS

Tab.2

LCD	Adjustable		Protective cap
IP65 Housing	Head display 335° max rotatable	M12 connection 343° max rotatable	On request



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อีเมล : contact@prctech.net LINE ID1 : prctec-info, LINE ID2 : @prctec

PROCESS CONNECTIONS Tab.3

All type of floats All type of thread	Float type	LC – LCT – LCTV – LCO type = Installation from outside						
		25 1"	32 1-1/4"	40 1-1/2"	50 2"	FSHX Flange	DN65 Flange	DN125 Flange
	S29	G	G-C-N	G-C-N	-	●	-	-
	S32	G	G-C-N	G-C-N	-	●	-	-
	S40	-	-	G	G-C-N	-	-	-
	S52S	-	-	-	G-C-N	-	●	-
	S52	-	-	-	G-C-N	-	●	-
	S100	-	-	-	-	-	-	●

Male thread

G	C	N
Parallel UNI 228/1	Conical UNI 7/1	Conical NPT

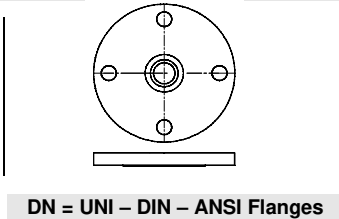
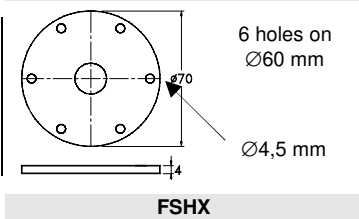
Available materials

S
AISI-316

DN = Available materials

S	C
AISI-316	Steel On request

FLANGES Dimensions in mm.



- A Flanged connection
- A1 Threaded connection

WIRING

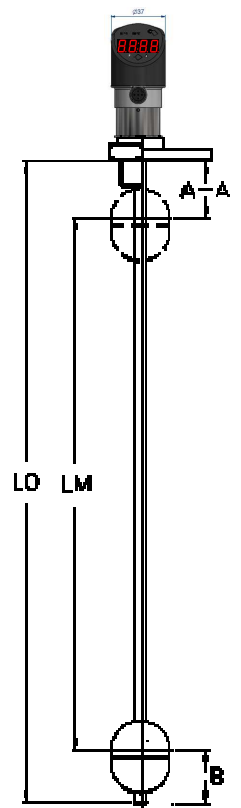
Ingress Protection	IP67
Designation	M12x1 5-pole
Type code	
Pin configuration	

DIMENSIONS mm. Tab.4

The dimensions L0 and LM are referred to the stop of the fitting (A1) or flange (A) connection.
Tolerance on dimension L0 and LM ± 3 mm.

	S29	S32	S40	S52 (S)	S52	S100
A	15	15	25	25	35	50
A1	35	35	45	45	55	-
B	25	25	30	30	40	60

Damping tube On request	-	- S AISI-316	- V PVC
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NOMENCLATURE

LCD	S52	10	1300 / 1400	S	- S	50	G	S	DS	L	
●											Type: LCD
	●										Tab.1 Float
		●									Tab.1 Measuring resolution (mm).
			●								Tab.4 Measuring length LM / Total length L0 (mm).
				●							Tab.3 Rod material.
					●						Tab.4 Damping tube (option).
						●					Tab.3 Process connection dimension.
							●				Tab.3 Process connection thread.
								●			Tab.3 Process connection material.
									●		Tab.2 Electrical output.
										●	Tab.1 Temperature class.