

Floats

for float switches

Type 230.001.00 to Type 298.003.00

In contrast to the standard, these floats can be mounted on all float switches with slide tube \varnothing 12 mm. This may be required if the pressure or the medium density do not allow the implementation of the standard float.

In case of special steel floats a working temperature exceeding 160 °C is not recommended – also in combination with special steel or brass slide tube – because the float magnets feature a strong decrease of performance from this temperature onwards. This circumstance may lead to a faulty switching or total loss of power of the float switch because also the switching contacts in the slide tube would change their characteristics, and the complicated interaction between the excitation of response of the contacts and the field strength of the float magnet would be sensitively disturbed.

Please request floats for continuous float switches separately.



	Order ID							
	250.410	250.411	250.412	250.413	250.414	250.415	250.416	260.410
Form	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder
$\varnothing A \times \varnothing I \times H$	42 x 14 x 28	42 x 14 x 40	42 x 14 x 28	42 x 14 x 38	42 x 14 x 28	42 x 14 x 38	42 x 14 x 49	42 x 14 x 42
Material	PVCHT	PVCHT	PA	PA	PP	PP	PVDF	VA
Working pressure	3 bar	3 bar	5 bar	5 bar	5 bar	5 bar	6 bar	20 bar
Temp. max.	90 °C	90 °C	90 °C	90 °C	110 °C	110 °C	90 °C	90 °C
For medium with density >	0,9 g/cm ³	0,8 g/cm ³	0,8 g/cm ³	0,7 g/cm ³	0,7 g/cm ³	0,7 g/cm ³	0,85 g/cm ³	0,8 g/cm ³

	Order ID							
	260.411	260.412	260.413	260.415	260.416	260.417	280.410	280.411
Form	Ball	Ball	Ball	Ball	Ball	Ball	Cylinder	Cylinder
$\varnothing A \times \varnothing I \times H$	52 x 14	62 x 14	82 x 14	62 x 22,5	82 x 22,5	105 x 22,5	53 x 13 x 75	40 x 14 x 20
Material	VA	VA	VA	VA	VA	VA	PTFE	NBR
Working pressure	30 bar	25 bar	20 bar	20 bar	20 bar	15 bar	3 bar	10 bar
Temp. max.	160 °C	160 °C	160 °C	160 °C	160 °C	160 °C	160 °C	100 °C
For medium with density >	0,7 g/cm ³	0,6 g/cm ³	0,5 g/cm ³	0,65 g/cm ³	0,55 g/cm ³	0,5 g/cm ³	0,9 g/cm ³	0,81 g/cm ³

Temperature stability of the materials used without mechanical load and unpressurized

ISO symbol	PP	PVC(PVCHT)	PA 6	NBR
Name	Polypropylene	Polyvinyl chloride	Polyamide 6	Nitrite rubber
Application temp.				
Min./max./temp.	0 °C /+110 °C /+140 °C	-20 °C /+60(90) °C /+70(90) °C	-40 °C /+80 °C /+140 °C	-20 °C /+140 °C /+150 °C

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Order Fax

Floats for float switches Type 230.001.00 to type 298.003.00

Please copy the order form, complete the list below with the desired dimensions, and then use the copy as order form.

	Type number
Order quantity	Units:

Date

Ordered by

Company

Street

City

Signature

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