

Floats

for float switches

Type 320.001.00 to Type 398.003.00

In contrast to the standard, these floats can be mounted on all float switches with slide tube $\varnothing 8$ 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 ist 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.



	Order ID							
	350.410	350.411	350.412	350.413	350.414	350.415	350.416	350.417
Form	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder	Cylinder
$\varnothing A \times \varnothing I \times H$	25 x 9 x 20	25 x 10 x 20	30 x 10 x 20	27 x 10 x 30	19 x 10 x 22	17,5 x 10 x 25	25 x 10 x 20	22 x 9 x 45
Material	PVCHT	PA	PP	PVDF	NBR	NBR	PP	PP
Working pressure	depressurized	3 bar	3 bar	3 bar	10 bar	10 bar	3 bar	3 bar
Temp. max.	90 °C	90 °C	90 °C	100 °C	100 °C	100 °C	110 °C	110 °C

For medium with density >	0,9 g/cm ³	0,8 g/cm ³	0,7 g/cm ³	0,9 g/cm ³	0,65 g/cm ³	0,75 g/cm ³	0,9 g/cm ³	0,8 g/cm ³
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	Order ID						
	350.418	350.419	350.420	350.421	360.430	360.431	360.432
Form	Cylinder	Cylinder	Cylinder	Cylinder	Ball	Cylinder	Ball
$\varnothing A \times \varnothing I \times H$	25 x 10 x 10	32 x 10 x 8	21 x 10 x 15	25 x 9 x 20	30 x 9,5	27 x 10 x 30	44 x 10
Material	PP	NBR	NBR	PP foamed	VA	VA	VA
Working pressure	3 bar	10 bar	10 bar	5 bar	15 bar	15 bar	15 bar
Temp. max.	80 °C	100 °C	100 °C	110 °C	160 °C	160 °C	160 °C
For medium with density >	1 g/cm ³	0,58 g/cm ³	0,72 g/cm ³	0,85 g/cm ³	0,8 g/cm ³	0,8 g/cm ³	0,7 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

Order Fax

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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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