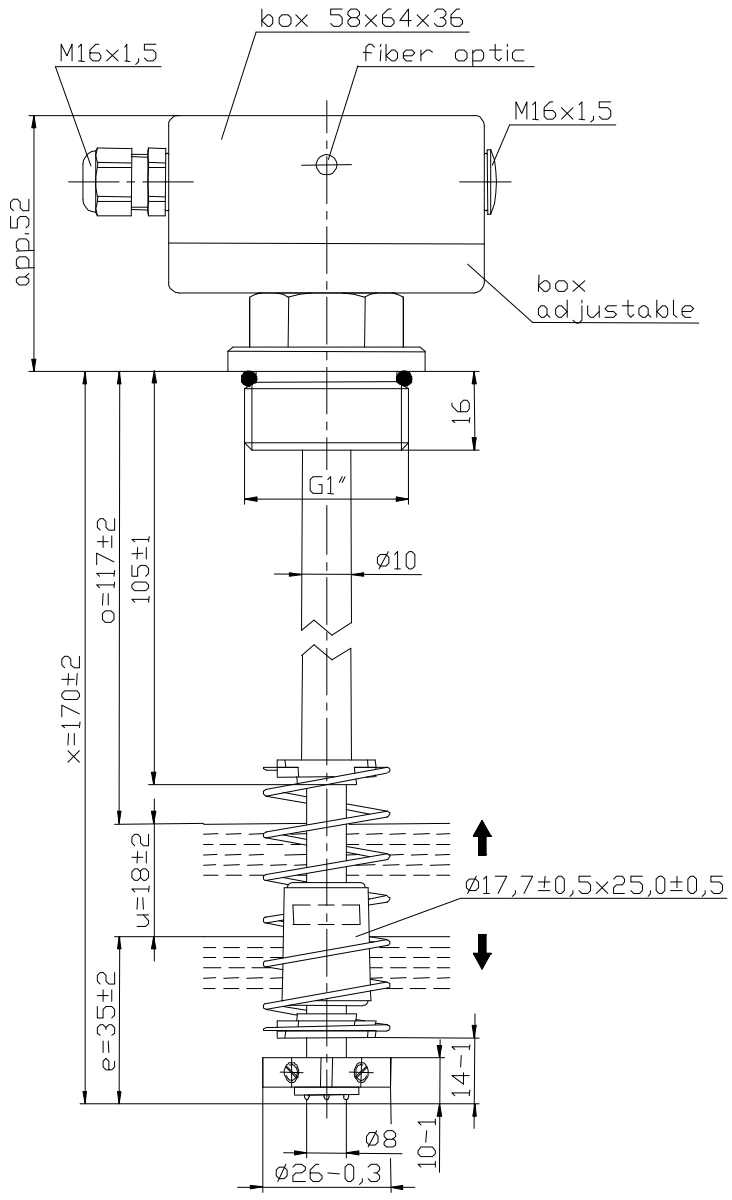
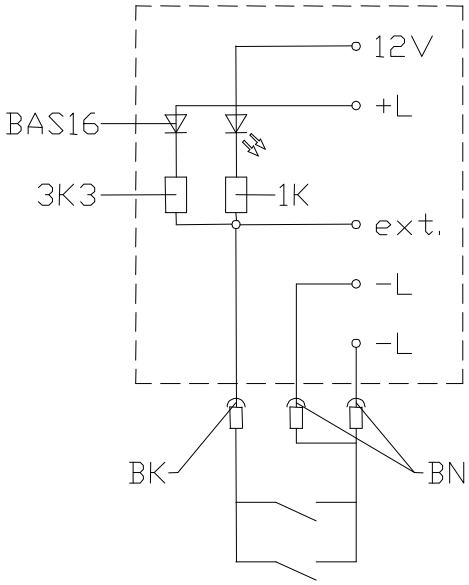
Technical Data
Float Switch

Mini-level float switches

Description **MSK3-PVC-R1,0-2S 0170** Article number **6891339004**



Wiring diagramm
(matching to the drawing)



Subject to change without notice.

Bernstein AG, Tieloser Weg 6, D-32457 Porta Westfalica, Germany / www.bernstein-ag.de

Technical Data
Float Switch

BERNSTEIN safe solutions

Mini-level float switches

Description **MSK3-PVC-R1,0-2S 0170** Article number **6891339004**

Electrical data

Reed contact	max. switching voltage	9V / 12V-DC
	Attention: This float switch with monitoring plate is applicable only with a Minimax monitoring system	
	max. switching current max. switching capacity	Co-ordinated on the Minimax monitoring system.
	mechanical life	10^7 to 10^9 switches depending on the load
Switching element		1 normaly-open contact, rising level
		1 normaly-open contact, falling level
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

box material	AL
Screw connection material	PVC
Switching tube material	PVC
Float material	NBR
-density	about 0,5 g/cm³ ±10%
-depth of immersion	16 mm ±2 mm (to a fluid-density of 1 g/cm³)
Clip material	1.4310
Adjusting ring material	PVC
Grip screw material	PVC
Gasket material	NBR
Ambiente air temperature	-20℃ bis +60℃
Medium temperature	-20℃ bis +60℃
Connection	Connecting block inside the terminal box
Protection type	IP 65 acc to DIN VDE 0470 T1
	with connector
Max. pressure	10 bar

General details

Reproducibility of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.
The measures of the switching points refer to a fluid-tight of 1 g/cm^3.
The tolerance of the switching points is ±2mm
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!