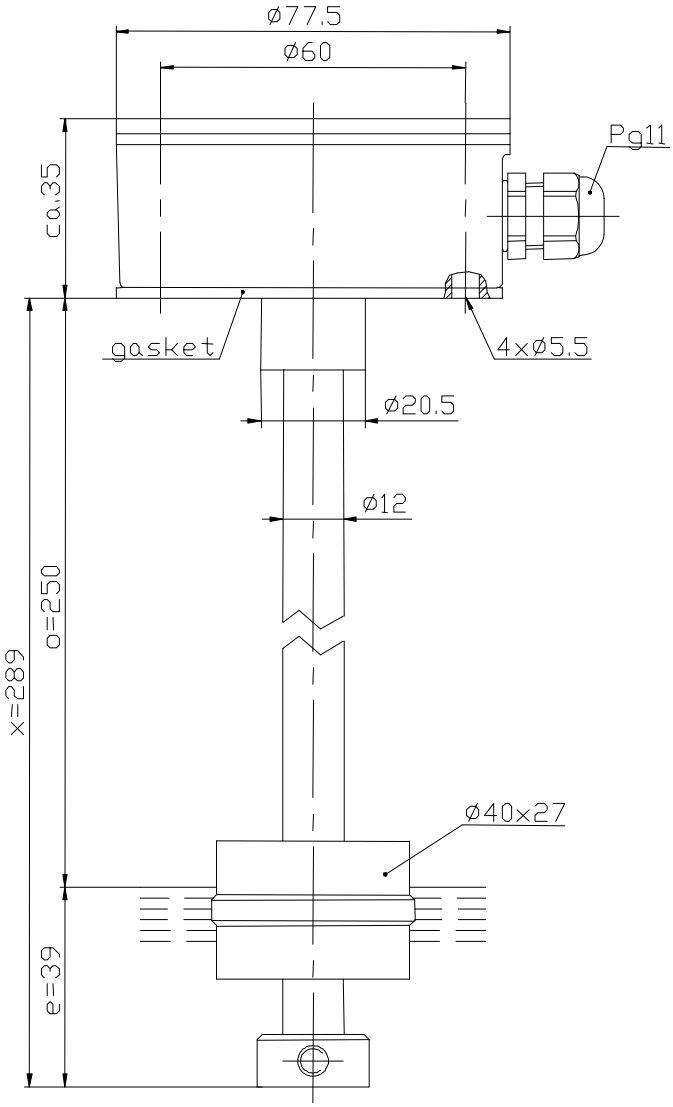
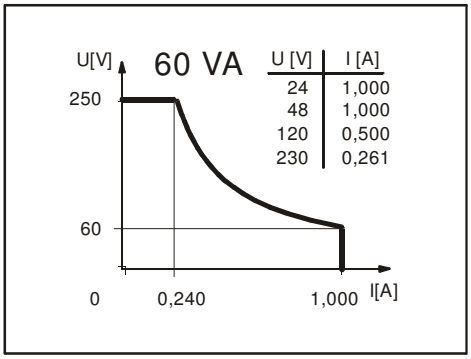
Technical Data
Magnetic Float Switch

Typ: **MAA-713 LSS 0289** Art.-No.: **6816105206_01**

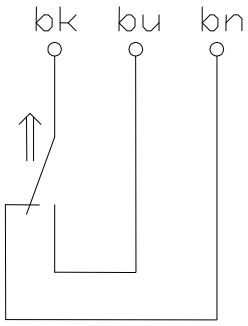
Delimon ID-Nr.: 39161-1683



Performance diagram
(maximum data)



Wiring diagramm
(matching to the drawing)



Electrical Data (maximum data)		
contact:	max. voltage	250 V
	max. switching current	1 A
	max. switching capacity	60 VA
switching function		1 change-over contact, falling level
direction category		AC-21A and DC-21A
		acc. to DIN VDE 0660 T107
		(IEC 947-3-1 / EN 60947-3-1)
standard		acc. to DIN VDE 0660 T200
		(IEC 947-5-1 / EN 60947-5-1)

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Mechanical Data	
terminal box material	GK-AlSi12 (3.2581.02)
switching tube material	X 6 CrNiMoTi 17 12 2 (1.4571)
float material	POM
-density	about 0,7 g/cm^3 ±10%
-immersion depth	18 mm ±2 mm (to a fluid-density of 1 g/cm^3)
adjusting ring material	X 6 CrNiMoTi 17 12 2 (1.4571)
gasket material	NBR
temperature range	from -5°C to +60°C
fluid temperature	from -5°C to +60°C
mech. lifetime	10^7 to 10^9 switches depending on the load
mode of connection	connection block inside the terminal box
protection class	IP 65 acc. to DIN VDE 0470 T1
	(ICE 529 / EN 60529)
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 ±2 mm.
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

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