



Limit Contact Z 40 min. / Z 42 max.

for flow monitors M335, M350, M23 PVDF



D-EN-Z40-20200203



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Application

The limit contacts Z 40 and Z 42 serve for external monitoring of limited flow values at our flow meters M335, M350 and M23. You can slide them on to the flow meter track. They can be adjusted to any value of the corresponding scale.

Function

A magnet built into the float closes or opens a reed contact that is firmly cast in the limit contact. The switching function is bistable. This means that the switching state is retained even if the magnetic levitation body is removed from the contact.

Caution

When retrofitting limit contacts, make sure that the standard float is replaced by a magnetic float. The magnetic float is clearly identified by an "M" on the top.

Technical data

Switching voltage*	Max. 230 V~
Switching capacity*	Max. 10 W / 12 VA
Switching current*	Max. 0,5 A
Contact resistance	<200 mOhm
Insulating resistance	>10 ¹¹ Ohm
Permissible ambient temperature	0 to +55°C
Protection class	IP 65 according to DIN 40050
On and off hysteresis	1 – 2 mm float travel

* Even a brief exceedance is not permitted. Especially with inductive or capacitive peaks, e.g. with solenoid valves, this is uncontrollable. It is therefore recommended to use a limit switch or a contact protection relay.

Switching states

	Float upstream	Float downstream
Z 40 min	open	closed
Z 42 max	closed	open

Important instructions!

Technical changes and errors reserved.

Pictures can be similar.

The operating instructions belonging to this device must be observed! Download at www.schmidt-messtechnik.com.