



INSTRUCTION DB...MI



Read this instruction before installation and wiring of the product

OCT.17
rev.A

Flow switch

DB...MI is a flow switch well suited for small flowrates.

Installation

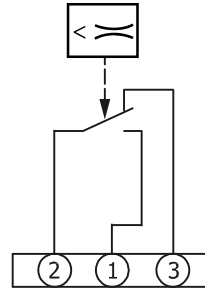
To adjust the setting range slide the plastic cover and operate onto the adjusting screw between the minimum and the maximum.

During installation consider the correct flow direction. A straight zone of at least five times the diameter must be provided upstream and downstream from the installation point.

The microswitch contact "2" (common) and "1" (normally open) opens when the value drops below the set switch-off value.

The contact "3" (normally closed) can be used as a signal contact.

Wiring



Wiring for DB...MI

Technical data

Contacts	dust-tight microswitch with SPDT contacts
Switch capacity	5 A, 250 Vac
Working temp. fluid	-20...+110 °C
Max. pressure	25 bar
Differential	min. 0,7 l/min
Plug	connector female DIN 43650-A
Storage temperature	-20...+70 °C
Storage humidity	< 95% r.h.
Pressure loss (max.flowrate)	0,01 bar
Tolerance ±% end of scale	15
Housing	ABS V0
Body	brass
Paddle	stainless steel
Sealing	NBR
Protection grade	IP65
Isolation class	II
Dimensions	100 x 85 x 30,5

Article	Fitting G	Setting range l/min. H ₂ O	Max. flowrate l/min. H ₂ O
DB10MI	3/8"	5 - 6	10
DB15MI	1/2"	6 - 7	20
DB20MI	3/4"	7,5 - 11	40
DB20MI/1	3/4"	13 - 16	40
DB25MI	1"	19 - 24	60
DB32MI	1 1/4"	30 - 50	80
DB40MI	1 1/2"	50 - 60	100
DB50MI	2"	70 - 90	150

DB...MI



Low Voltage Directive (LVD) standards

This product conforms to the requirements of the European Low Voltage Directive (LVD) 2014/35/EU through product standards EN 60730-1/A16

RoHS

This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council through standard 50581:2012

Contact

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