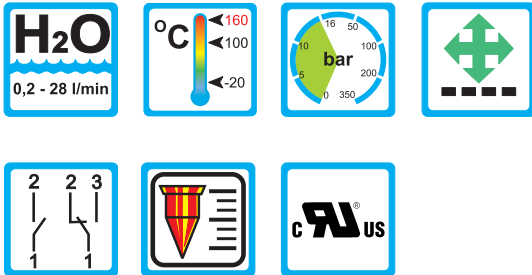


Flow Monitor Flow Indicator

RVO/U-2



Areas of Application

Method of Operation

- Float measuring principle

Areas of Application

- Mechanical engineering
- Medical technology
- Pharmaceutical industry
- Chemical industry
- Research and development
- Cooling systems and cooling circuits

Features

- Universal orientation
- High switch accuracy
- Infinitely variable switchpoint adjustment through user
- Threaded connection, special threads on request

Installation information

- The operating instruction for RVO/U must be observed
- Download: www.meister-flow.com

Operating Data

Operating pressure max.	16 bar
Pressure drop	0,02 - 0,3 bar
Maximum temperature	100 °C (optional 160 °C)
Accuracy	±10 % of full scale

Measuring Ranges

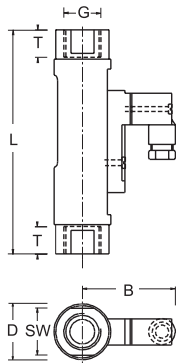
Typ	Schaltbereich für H ₂ O bei 20 °C ⁽¹⁾		
	[l/min]	[gph]	[gpm]
RVO/U-2/05	0,2 - 0,5	3,2 - 8	
RVO/U-2/1	0,3 - 1,0	4,8 - 16	
RVO/U-2/2	0,7 - 2,0	11 - 32	
RVO/U-2/4	1,6 - 4,0		0,4 - 1,05
RVO/U-2/8	3,0 - 8,0		0,8 - 2,15
RVO/U-2/12	4,5 - 12		1,2 - 3,15
RVO/U-2/15	6,0 - 15		1,6 - 4,0
RVO/U-2/20	8,0 - 20		2,1 - 5,3
RVO/U-2/24	9,5 - 24		2,5 - 6,3
RVO/U-2/28	12 - 28		3,2 - 7,4

⁽¹⁾ The specified data are switch-off points other switch ranges on request.

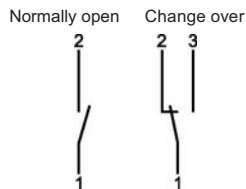


Technical Data

Mechanical drawing



Wiring diagram



Summary of types

Type:	Overall dimensions [mm]							Weight (approx.) [g]
	SW	D	B	G	DN	T	L	
RVO/U-2/05								
RVO/U-2/1								
RVO/U-2/2								
RVO/U-2/4								
RVO/U-2/8	27	32	53	1/2"	15	14	114	300
RVO/U-2/12								
RVO/U-2/15								
RVO/U-2/20								
RVO/U-2/24								
RVO/U-2/28								

Electrical Data

Change over ⁽³⁾	250V • 1,5A • 50VA ⁽²⁾
Normally open	230V • 3A • 60VA
Change over M 12x1 (-20 °C - 85 °C)	125V • 1,5A • 50VA ⁽²⁾
Normally open M 12x1 (-20 °C - 85 °C)	125V • 3A • 60VA
Change over SPS ⁽³⁾	250V • 1A • 60VA

Ingress Protection:

IP65: plug connection DIN 43650 Form C or plug connection M 12x1
 IP67: 1 m sealed in cable

Output Signal

The contact opens / changes when the flow decreases below the set point.

Power supply

Not required (potentialfree reed contacts)

Plug types

Other plug types or cable lengths on request

⁽²⁾ Minimum load 3 VA

⁽³⁾ Only with plug connection

Material

Brass version

Wetted parts:

Sight glass: Duran® 50
 Spring: 1.4571
 Gaskets: NBR
 (optional FKM, EPDM) ⁽⁴⁾
 Magnets: Hard ferrite
 All other wetted parts: Brass nickel-plated

Non Wetted parts:

Housing: Aluminium anodized

Stainless steel version

Wetted parts:

Sight glass: Duran® 50
 Spring: 1.4571
 Gaskets: FKM
 (optional NBR, EPDM) ⁽⁴⁾
 Magnets: Hard ferrite
 All other wetted parts: 1.4571

Non Wetted parts:

Housing: Aluminium anodized

⁽⁴⁾ Other gasket materials on request

