

**GENERAL CHARACTERISTICS**

Mechanical Flow Switch for liquids or gaseous media with spring supported piston and magnetic actuation of a reed switch. Robust design, produced in materials brass.

- \* compact dimension
- \* good repeatability
- \* dirt-resistance
- \* high switch capability
- \* hermetic separation of mechanical and electrical component

Female thread G3/8 brass



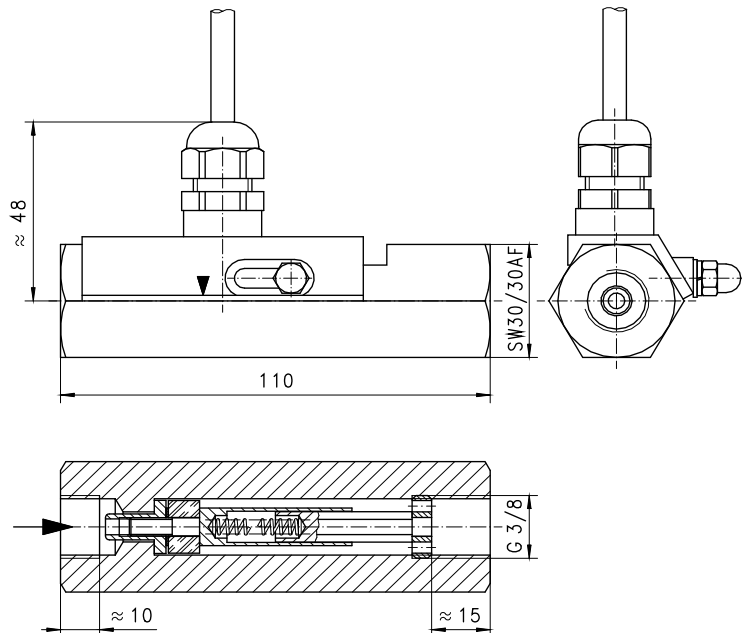
AR-010GM004

**TECHNICAL DATA**

	G	Type	PN bar	Qmax. recom. l/min H <sub>2</sub> O	adjustable range l/min H <sub>2</sub> O	weight kg
brass	G 3/8	AR-010GM004	150	15	2 - 4	0.50

Adjustable range is indicated for horizontally decreasing flow.

tolerance	±1.5 l/min
media temperature	max. 80°C
average pressure loss	0.8 bar at Qmax.
hysteresis	depending on switch value minimum 0.5 l/min.

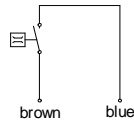


**MATERIALS**

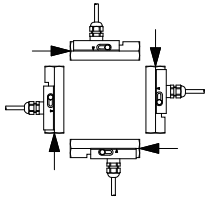
body	brass Ms58 nickel platet
piston	brass Ms58, SnBz8
spring	stainless steel 1.4310
magnet	bariumferrite
switch head	plastic PA

**ELECTRICAL DATA**

reed switch - wiring 0.212 n.o.  
 250 V AC 100 VA  
 cable 2.5 m  
 protection class IP 65



**MOUNTING POSITION**



Installation position may influence switch value.

**METERING SUBSTANCES**



water



gas/air



oil up to 30mm<sup>2</sup>/s

**NOMENCLATURE**

For combination see table "technical data"

<b>AR-</b>	<b>010</b>	<b>G</b>	<b>M</b>	<b>004</b>	<b>basic type specification</b>
AR-					● flow switch
	010				● nominal diameter DN 10 - G3/8
		G			● female thread
			M		● brass
				004	● adjustable range H <sub>2</sub> O horizontal 2 - 4 l/min
Special option					<input type="checkbox"/> change over contact

**IMPORTANT FOR YOUR ORDER**

- Please indicate flow direction, metering substance and adjustable range with your order.
- With viscous liquids please indicate viscosity, temperature and metering substance (adjustable range on request)
- With gaseous media indicate pressure (relative or absolute), temperature and metering substance (adjustable range on request)

All technical changes reserved

●BASIC Standard ○BASIC Programme option □VARIO Special option ⊕ PLUS Accessories ✗not recommendable