Eletronic flow-switch

flow-captor 4140.13

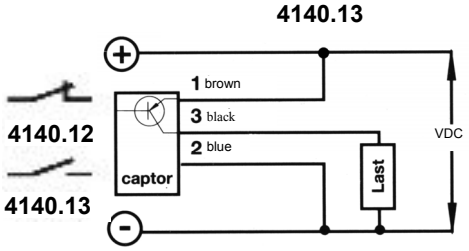
The **flow-captor** 4140.13 is a highly precise, compact, industrial flow switch. The flow-captor works according to the calorimetric principle which is evaluated by using microprocessor technology.

- Set-point factory made
- Easy Set-up
- Reliable and durable
- For liquid media
- No moving parts
- LED display for power and switching state
- Rugged design
- Maintenance-free

Technical Data	
Typ	**4140.13**
Medium	water-based solutions
Sensor Data	
Set-point	factory-set USP 0,8 m/s* (other set-point on request)
Medium temperature	-20°C to +80°C
Ambient temperature	-20°C to +70°C
Pressure	up to 100 bar (10000 KPa)
Response time	approx. 5 sec.
Repeatability	<2%
Hysteresis	approx. 10%
Mechanical Data	
Protection class	IP 65
Material housing	PBTP, glass fiber reinforced (Ultradur®)
Sensor pipe	stainless steel AISI 303
Thread	G 1/2“ BSP alt. 1/2“ - 14 NPT
Electrical connection	integrated plug connection with PG9 fitting, 2m oilflex cable 3x0,5 mm²
Electrical Data	
Operating voltage	14,5 - 25 VDC
Switching current	≤ 400 mA
Initial operation	appprox. 10s after connection of power
Electrical output	PNP current-carrying n.c.
Electrical output indication	1. LED = power 2. LED = flow

* data relate to water

Connection diagram:



weber
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