

Flow switch for water-based media



flow-captor 4140.13

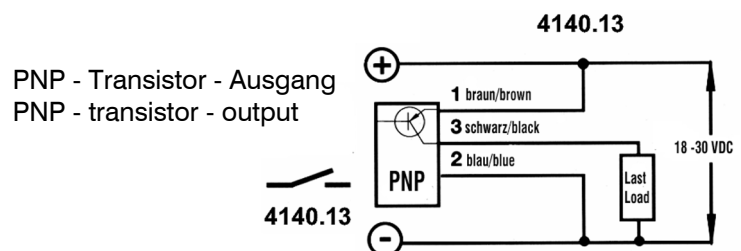
The **flow-captor 4140.13** is a highly precise, compact, industrial flow switch. The flow-captor works according to the calorimetric principle which is evaluated by using microprocessor technology.

- switch-point factory set
- simple commissioning
- reliable and durable
- for water-based media
- no moving parts
- LED display for power and switching status
- rugged design
- maintenance-free
- **ISO 9001:2015**



Technical data	
Type	4140.13
Medium	water-based
Sensor data	
Set-point	factory-set 80 cm/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 fibre reinforced (Ultradur®)
Sensor pipe	stainless steel AISI 303
Thread	G 1/2" BSP or 1/2" - 14 NPT
Electrical connection	integrated plug connection with PG9 fitting, 2 m oilflex cable 3 x 0,5 mm ²
Electrical data	
Operating voltage	18 - 30 VDC incl. residual ripple
Current consumption	max. 150 mA pulsed
Internal consumption	approx. 1 W
Switching current	≤ 400 mA
Protective circuit	reverse polarity, short circuits and overload protection (ready for operation after correcting the short circuit)
Operation readiness	approx. 10 sec. after applying the operating voltage
Electrical output	4140.13 PNP n.o. (closer) currentless
Electrical output indication	LED = switch state red / green

Connection diagram:



weber

Gehäuseabmessungen
Dimensions

