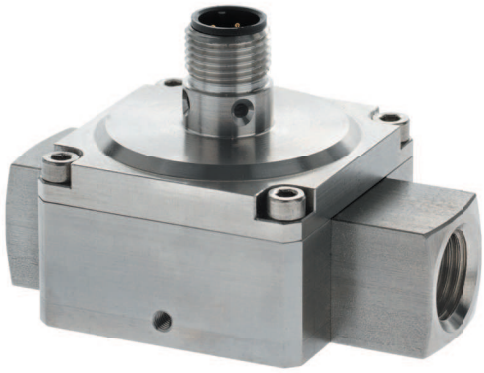
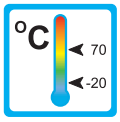
Analog transmitter

SIGNAL





Range of Applications

Operation

- The position of a magnetic float / piston is detected by means of analog Hall-Sensors. The electronics provides an analog signal.

Application

- Use in combination with flow sensors (with float / piston) for various flow media (see table at right).

Features

- Analog Output (4-20 mA or 0-10 V)

Installation hints

- The operating instruction for the analog transmitter SIGNAL must be observed!
- Download: www.meister-flow.com

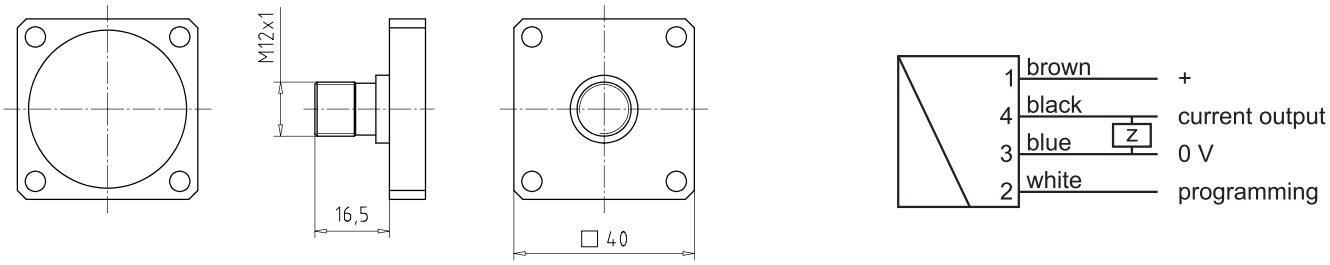
Possible Applications / Combinations

Medium	Sensor	Electronics	Combination
	DUM	+ SIGNAL	= DUM/SIGNAL
H_2O	DWM	+ SIGNAL	= DWM/SIGNAL
	RVM/U-1	+ SIGNAL	= RVM/U-1/SIGNAL
	RVM/U-2	+ SIGNAL	= RVM/U-2/SIGNAL
	RVM/U-4	+ SIGNAL	= RVM/U-4/SIGNAL
OIL	DKM-1	+ SIGNAL	= DKM-1/SIGNAL
	DKM-2	+ SIGNAL	= DKM-2/SIGNAL
	DKME	+ SIGNAL	= DKME/SIGNAL
AIR	DWM-L	+ SIGNAL	= DWM-L/SIGNAL
	RVM/U-L-1	+ SIGNAL	= RVM/U-L-1/SIGNAL
	RVM/U-L-2	+ SIGNAL	= RVM/U-L-2/SIGNAL
	RVM/U-L-4	+ SIGNAL	= RVM/U-L-4/SIGNAL

SIGNAL 1 0003 11-10 E M

Technical data

Mechanical drawing and connection diagram



Technical data

Analog output	4...20 mA or 0...10 V (Please specify when ordering!)
Operating Voltage	24 V (18...30 V)
Power consumption	< 1 W
Current output	Max. load 500 Ω
Voltage output	Max. current 10 mA
Connection	For round plug M 12 x 1, 4pol.
Ingress protection	IP 67
Accuracy	± 3 % f.s.d. (in combination with the flow sensor)
Repeatability	±1 % f.s.d.
Operating temperature	- 20 °C ... + 70 °C
Storage temperature	-20 °C ... +80 °C
Material	Body Brass nickel-plated
Notes	Please note that the SIGNAL-Electronics is calibrated to the flow sensor and must not be replaced! Please note also the data sheet and the operating instruction of the flow sensor!

SIGNAL 2 0005 03-12 E M

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