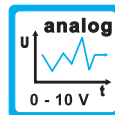
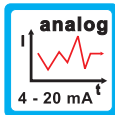
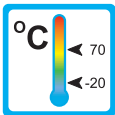
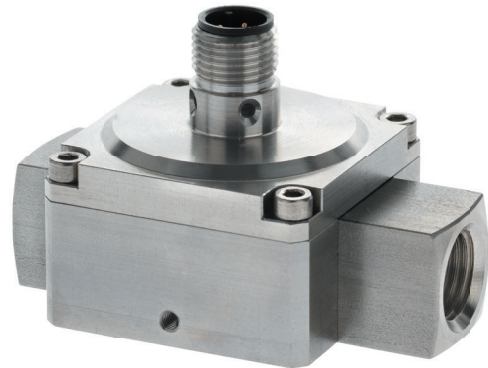


Analog transmitter

SIGNAL



Range of Applications

Operation

- The position of a magnetic float / piston is detected by means of Hall-Sensors and converted into an analog signal.

Application

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




Features

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

Installation information

- Download: www.meister-flow.com

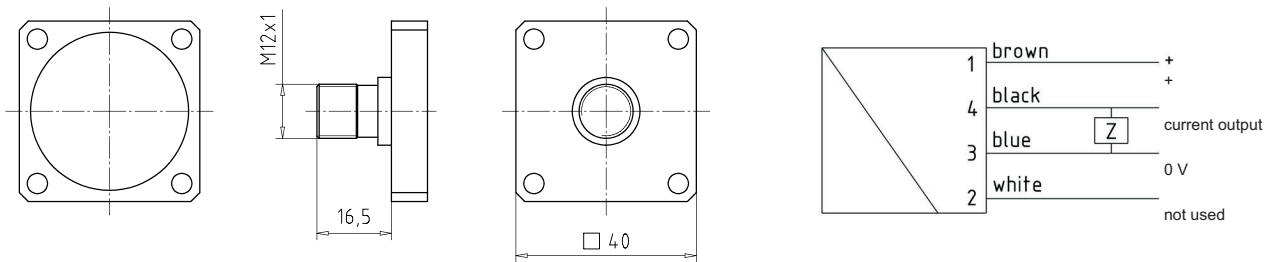
Possible Application combinations

Medium	Sensor	Electronics	Combination
	DUM	+ SIGNAL	= DUM/SIGNAL
	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
	DKM-1	+ SIGNAL	= DKM-1/SIGNAL
	DKM-2	+ SIGNAL	= DKM-2/SIGNAL
	DKME	+ SIGNAL	= DKME/SIGNAL
	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



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, 4 pin
Ingress protection	IP 67
Accuracy	DUM, DWM, RVM/U-1, RVM/U-2 and RVM/U-4 ± 3 % of full scale deflection DKM-1, DKM-2 and DKME ± 5 % of full scale deflection (with calibration at a specified viscosity) DKM-1, DKM-2 and DKME ± 10 % of full scale deflection (viscosity compensated) DWM-L, RVM/U-L1, RVM/U-L2 and RVM/U-L4 ± 10 % of full scale deflection
Repeatability	±1 % of full scale deflection
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 interchanged! Also refer to the data sheets and operating instructions of the respective flow sensor.

SIGNAL 2 0007 10-13 E M