



- * Sensor with adjustable current output
- * Can be configured by user via pluggable pin (Teach-In)
- * M12x1 industry locking plug system

ADVANTAGE

The converter can be screwed into all HONSBERG rotor and turbine flow meters which have an M12x1 screwed hole for the sensor. Using the integral sensor, it receives a frequency signal proportional to the flow and converts it to a proportional output current of 0(4)..20 mA.

PROGRAMMING

- Adjust max frequency (= max flow) in the system.
- Apply a pulse of at least 0.5 seconds duration on Pin 2 or white wire (for lead version), (e.g. by bridging to the supply voltage or pulse from PLC).

Immediately after programming, the sensor puts out 20 mA. The current value for 0 Hz (0 or 20 mA) has to be specified with order and cannot be changed at the unit later.

After programming, Pin 2 (or the white wire) must be connected to 0V.

TECHNICAL DATA

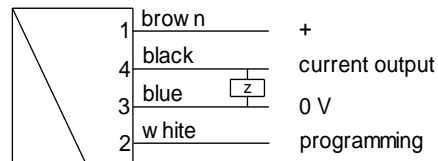
supply voltage	10..30 V DC
idle current	< 20 mA (without load)
current output	0..20 mA or 4..20 mA
frequency range	1..4095 Hz
connection	for locking plug M12x1, 4-pole
materials housing	nickel plated brass, PA66
protection class	IP67
operating temperature	0..70 °C
weight	approximately 25 g

MOUNTING

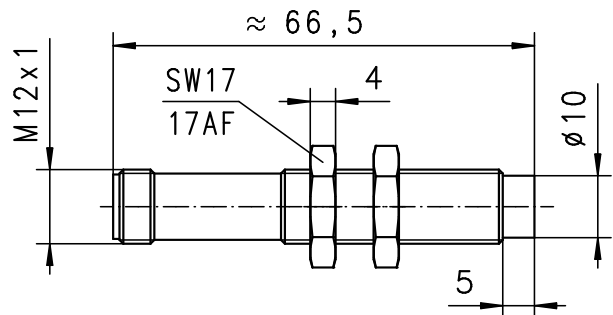
Screw the sensor into thread of the housing and turn it back a quarter of complete turn.

TERMINAL ASSIGNMENT

Before carrying out the electrical installation, make sure that the supply voltage corresponds to the data specification.



DIMENSIONS



NOMENCLATURE

EFFI-	H	I	0	S	basic type specification
	H				● Hall
	V				○ biased Hall
	I				○ inductive
		I			● current output
			0		● 0 .. 20 mA
			4		● 4 .. 20 mA
				S	● locking plug M12x1, 4pole

All technical changes reserved

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