- low cost F/I transducer
- easy to adapt between Sensor with frequency output and PLCs with 4-20mA Input.
- M12x1 industry locking plug system

PRINCIPLE

The EFI transducer transforms fequency signal to a 4(O) - 20 mA signal. The type of construction allows, to adapt this transducer to all Honsberg sensors with a frequency output. This low cost transducer is developed for all applications, where the processing of the frequent signal causes higher costs than the 4 - 20 mA signal.

OPERATION

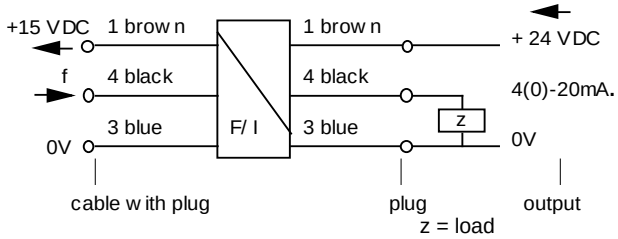
The transducer always corresponds to the the output of the sensor and is marked with the same item no. The power supply of the sensor is provided by the transducer EFI by means of a 15 V DC regulated power supply. Therefore no separate wiring is necessary for the sensor supply.
If the setting to full scale is required during commissioning the free cap of the potentiometer has to be fixed by pressing into the collar of the sensor housing.
The connection to power supply will be indicated by a working-LED.

TECHNICAL DATA

Power supply	24V DC ± 10%
Power consumption	max. 27mA Ruhestrom
Output	4 (0) - 20 mA, related to OV max load resistance 500 ohm
frequency end values	125-250Hz, 250-500Hz, 500-1000Hz
connection to transmitter transmitter	PU cable, 2 metre, with locking plug M 12 x 1
Materials housing	brass nickel plated, PA66
Protection class	IP 65
working temperature	max. 60°C
Weight	0.25 kg

TERMINAL ASSIGNMENT

Ensure before installation, that the power supply corresponds to the datasheet.

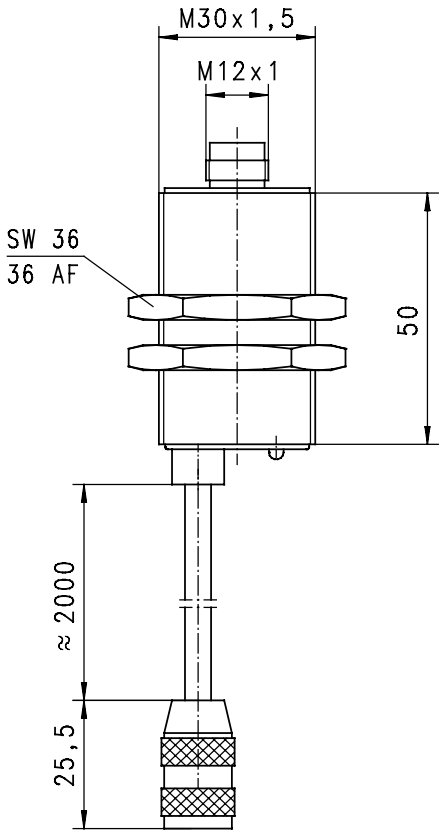


by using a load resistance of 500 ohm the current output can be modified to a voltage output

MOUNTING

The transducer can be mounted with the thread M 30 x 1,5 and both nuts either in a hole of a housing or at a tin-plate. Alternatively also a clamping in a pipe-mounting is possible.

DIMENSIONS



●BASIC Standard ❍BASIC Programme option ❑VARIO Special option ⊕ PLUS Accessories ✕ not recommendable

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