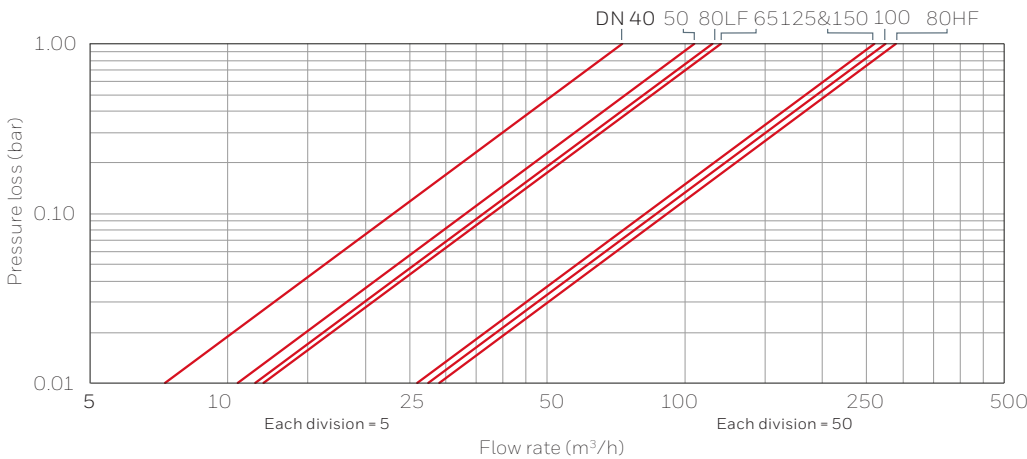


H5000 Product Specification

TYPICAL HEADLOSS CURVE



TECHNICAL SPECIFICATIONS

Maximum working pressure	16 bar (MAP 16)
Maximum water temperature	50°C (T50)
Ambiant temperature	-25°C to +55°C
Mechanical environment	M1
Electromagnetic environment	E1
Connection flanges	EN 1092-2 PN16*
Battery life	15 years
Ingress protection	IP68 fully submersible
Installation positions	All - unlimited
Straight pipe requirement	None (UO/D0)
Pressure port (optional)	¼" on top cover

ELECTRONIC REGISTER

Volume indication range	9,999,999.9999 m³
Flow rate indication range	9,999.9 m³/h
Other indication	Flow direction, Battery level, Multiple warnings
Outputs	Dual digital pulse output
Additional serial interface (option)	Alternatively Encoded (K-Frame) or M-Bus/Local Bus
Cable length	3m

*Others available on request

PULSE OUTPUT			
CHANNEL 1/2: VOLUME PULSES		Forward & Reverse Flow (F+R) or compensated (F-R)	
CHANNEL 3: SIGNAL OUTPUT		Tamper & Flow direction (F+R mode)	
PULSE WEIGHT		1/10/100/1,000/10,000 Litre	
PULSE WIDTH	≥1 L/IMP.	20 ms	5 ms
	≥10 L/IMP.	100 ms	60 ms
	≥100 L/IMP.	100 ms	100 ms
DEFAULT SETTING		DN 50 -100	DN 150
	CHANNEL 1	10 L/Imp. F-R	10 L/Imp. F-R
	CHANNEL 2	100 L/Imp. F-R	1000 L/Imp. F-R
	CHANNEL 3	Alarm-Flag	Alarm-Flag
CONTACT LOAD		max. 30 VDC, max. 30 mA	

Pressure Equipment Directive 97/23/EC.

This product is applicable in the supply, distribution and discharge of water and associated equipment and is therefore exempt.

For more information

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