OEM Automatic Ltd
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HONSBERG - VHS SERIES FLOW METER

Spindle (screw)

VHS025GAO0140B
Flow sensor, PNP, 1.4 - 140l/min, G1"



- For oil and lubricating liquids up to 40,000 cSt
- For high flows up to 2500 l/min
- Up to 350 bar pressure
- Light and compact design

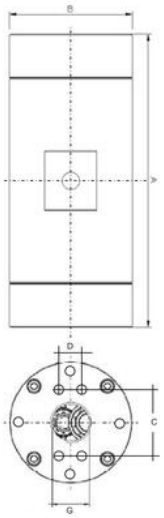
PRODUCT DESCRIPTION

Model VHS is a screw flow sensor designed especially for applications with viscose media and high flows. Has high accuracy regardless of viscosity up to 40,000 cSt and maintains a low sound level under 50dB during operation. All mounting positions are possible and the direction of flow is independent of mounting position.

TECHNICAL DATA

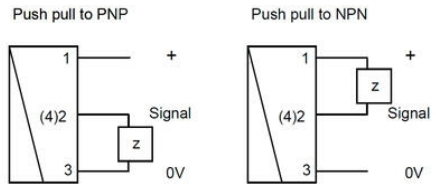
Accuracy	± 1% of the measurement value (at 20 cSt)
Connection type	Internal thread, G 1 "
Electrical connection	Plug connector DIN 43650-A
Flow max	200 l/min
Flow range max	140 l/min
Flow range min	1.4 l/min
Function	Screw
IP class	IP67
Material of connection	Aluminium
Power consumption	19 mA
Pressure drop	About 3 bars at 100 cSt
Pressure range max	160 bar
Repeatability	0.25 %
Signal outputs	PNP / NPN frequency

Temperature of media from	-25 °C
Temperature of media to	80 °C
Viscosity max	40000 cSt
Voltage dc max	30 V
Voltage dc min	10 V
Weight	3.44 kg



G"	A mm	B mm	C mm	D mm	X mm	Screw
1"	220	88	57,1	27,8	44	6xM8
1 1/4"	270	100	66,7	31,6	44	8xM8
1 1/2"	320	115	79,4	36,5	51	8xM10
1 1/2"	340	135	79,4	36,5	51	8xM12
2"	400	160	96,8	44,4	70	8xM14
2"	430	180	96,8	44,4	70	8xM16
2 1/2"	478	210	123,8	58,7	75	6xM20

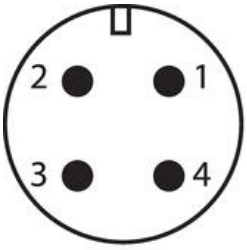




z = load

1 +10..30 V DC
2 utsignal
4 0 V

PNP/NPN (DIN 43650-A)



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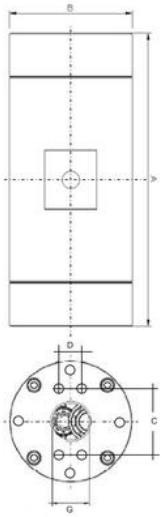
4-20 mA (M12x1-kontakt)



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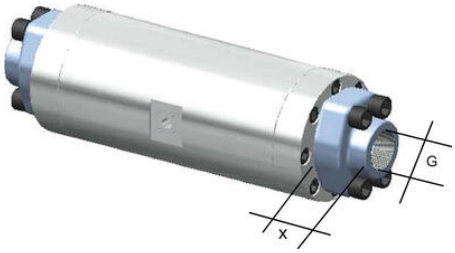

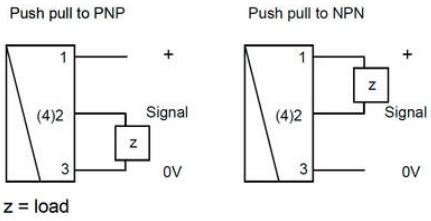

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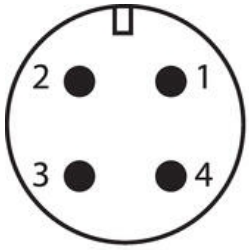

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