

1: internal thread M18 x 1.5



Product characteristics

Flow sensor for connection to evaluation units

for adapter

Connector

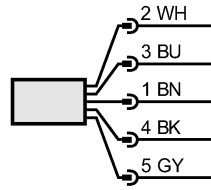
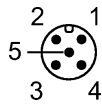
Process connection: internal thread M18 x 1.5 for adapter

Application

Application	liquids and gases	
Pressure rating [bar]	30	
Medium temperature [°C]	-25...80	
Electrical data		
Connection to control monitor	VS3000	
Measuring / setting range		
Liquids		
Setting range [cm/s]	3...300	
Greatest sensitivity [cm/s]	3...60	
Gases		
Setting range [cm/s]	200...3000	
Greatest sensitivity [cm/s]	200...800	
Accuracy / deviations		
Max. temperature gradient of medium [K/min]	300	
Reaction times		
Response time [s]	1...10	
Environment		
Protection	IP 67	
Tests / approvals		
Shock resistance	DIN IEC 68-2-27:	40 g (11 ms)
Vibration resistance	DIN IEC 68-2-6:	10 g (55...2000 Hz)
MTTF [Years]	8213	
Mechanical data		
Process connection	internal thread M18 x 1.5 for adapter	
Materials (wetted parts)	stainless steel 316L / 1.4404; O-ring: FKM 8 x 1.5 gr 80° Shore A	
Housing materials	stainless steel 316L / 1.4404	
Probe length L [mm]	45	
Weight [kg]	0.087	
Electrical connection		
Connection	M12 connector	
Max. cable length [m]	100 (5 x 0.5mm ²)	

Wiring

Core colours
BN brown
BU blue
BK black
WH white
GY grey



Remarks

Pack quantity [piece] 1