

FE6105 EX proof Smart Flow Sensor Stainless Steel Housing Seal Plus structure Connection: Internal thread M18 x 1.5 Programmable M12 socket Titanium Alloy Probe Resistant to Strong acids and alkalis	
Ex-proof marking	Ex nA IIC T4 Gc / Ex tD A21 IP67 T100°C
Applications	Liquid and gas
Electric design	4-20mA
Supply voltage[V]	20...36 DC
Output Accuracy	±10% (25 °C in water as a medium for calibration)
Reverse polarity protection	Yes
Max. overload current[mA]	<80
Max. temperature drift[K/min]	300
Pressure resistance[bar]	30
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm/S]	200...800
Startup time[s]	< 8
Output response time[s]	< 2
Medium temperature[°C/°F]	-25...80/-13...176
Environment temperature[°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-25...100/-13...212
Protection/Enclosure Rating	IP67
ESD EN61000-4-2	6kV-CD / 8kV-AD
EFT EN61000-4-4	2kV
Surge immunity	1kV
Walkie talkie experiment[mm]	<10
Shock resistance[g]	50
Vibration resistance[g]	20
Upper cover material	Stainless steel 316L
Lower cover material	Stainless steel 304
Probe material/Wetted Parts	Stainless steel 316L

Connection	M12 socket
Dimensions[mm]	
Wiring	
Core color	
Pin 1=BN	
Pin 2=WH	
Pin 3=BU	
Pin 4=BK	
Pin 5=RD	