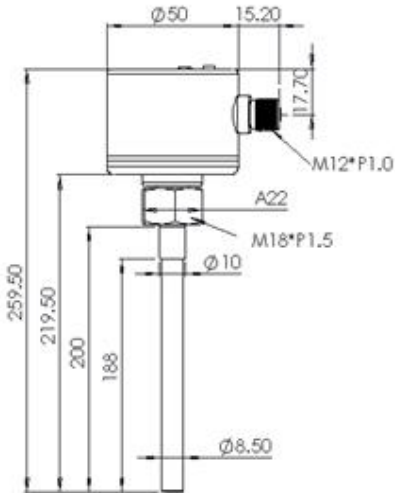
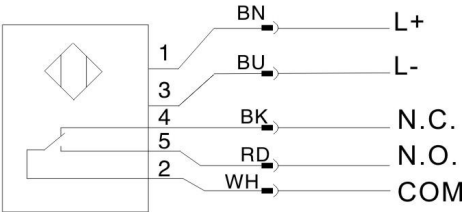


FE6023 Ex-Proof Smart Flow Sensor Stainless Steel Housing Seal Plus structure Connection: Internal thread M18 x 1.5 Programmable M12 socket Probe Length:200mm	
Ex marking	Ex nA IIC T4 Gc / Ex tD A21 IP67 T100°C
Applications	Liquid and Air
Electric design	RELAY NO/NC
Supply voltage[V]	20...36 DC
Output	NO  NC 
Max. overload current[mA]	400
short-circuit protection	Yes
Reverse polarity protection	Yes
Overload protection	Yes
Voltage drop[V]	2.5
Current consumption[mA]	<80
Max. temperature drift[K/min]	300
Pressure resistance[bar]	300
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
Ambient 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 test EN61000-4-5	1kV
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	 <table><tr><th>Wire Color</th><th>Terminal</th><th>Function</th></tr><tr><td>BN</td><td>1</td><td>L+</td></tr><tr><td>BU</td><td>3</td><td>L-</td></tr><tr><td>BK</td><td>4</td><td>N.C.</td></tr><tr><td>RD</td><td>5</td><td>N.O.</td></tr><tr><td>WH</td><td>2</td><td>COM</td></tr></table>	Wire Color	Terminal	Function	BN	1	L+	BU	3	L-	BK	4	N.C.	RD	5	N.O.	WH	2	COM
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