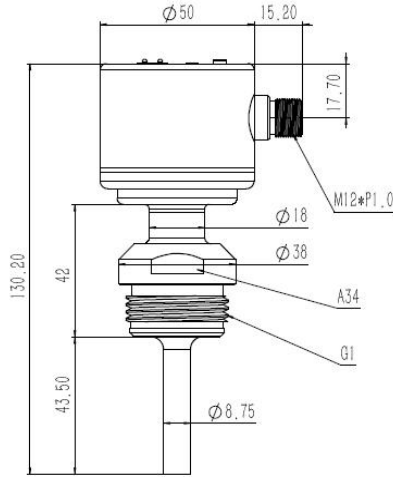
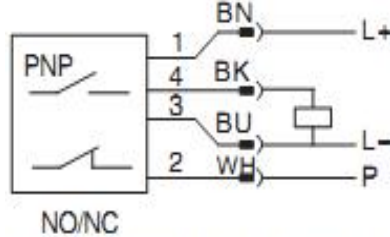


FL3301 Sanitary Flow Sensor Stainless Steel Housing Seal Plus structure Connection: External thread G1 Programmable M12 socket	
Applications	Liquid and gas
Electric design	PNP NO/NC
Supply voltage[V]	20...36 DC
Output	NO  NC 
Max. overload current[mA]	400
short-circuit protection	Yes
Reverse polarity 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
Medium temperature[°C/°F]	-25...95/-13...203 (140°C 1小时)
Environment temperature[°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-25...100/-13...212
Protection/Enclosure Rating	IP69K
Certification	FDA
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	 NO or NC setting via the menu
Core color	
Pin 1=BN	
Pin 2=WH	
Pin 3=BU	
Pin 4=BK	
Pin 5=RD	
Note*	Use sanitary adapter to upgrade to IP69K (Optional accessory)



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