



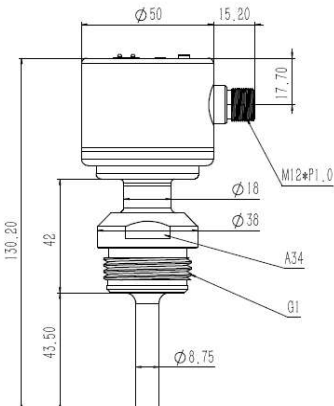
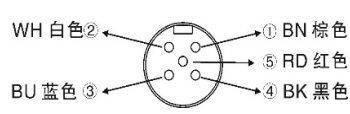
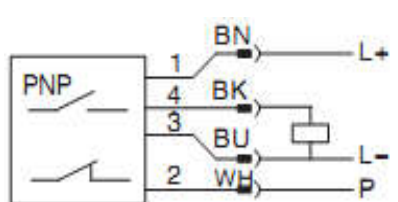



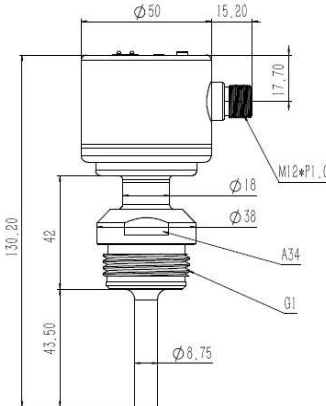
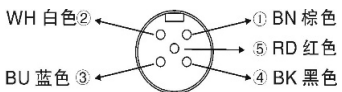
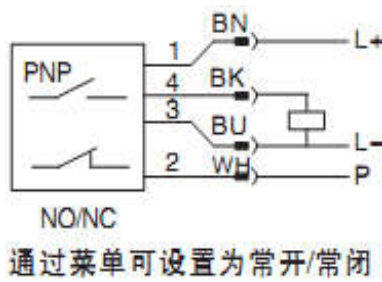






<p>FL3301 Sanitary Flow Sensor Stainless steel housing Seal plus water-proof construction Connection: Internal thread M18 x 1.5 Programmable M12 Socket</p>	  RoHS 
Applications	Liquid and gas
Electric design	PNP NO/NC
Supply voltage[V]	20...36 DC
Output	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">             NO  </div> <div style="text-align: center;">             NC  </div> </div>
Maximum load current	400
Overload protection	Yes
Short-circuit protection	Yes
Reverse polarity 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[	3...60
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm	200...800
Startup time[s]	< 8
Output response time[s]	< 2
Medium temperature[°C/°F]	-25...95/-13...203 (140°C one hour)
Environment temperature[°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-25...40/-13...104
Protection/Enclosure rating	IP69
Authentication	FDA
Static EN61000-4-2	6kV-CD / 8kV-AD
Group Plus EN61000-4-4	2kV
Lightning Surge	1kV
Interphone test[mm]	< 10
Shock resistance[g]	50
Anti-knock[g]	20

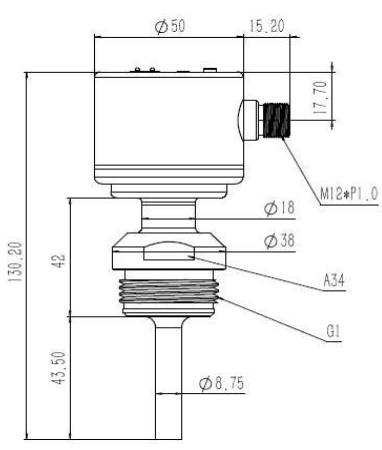
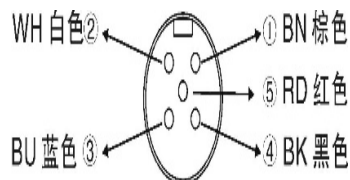
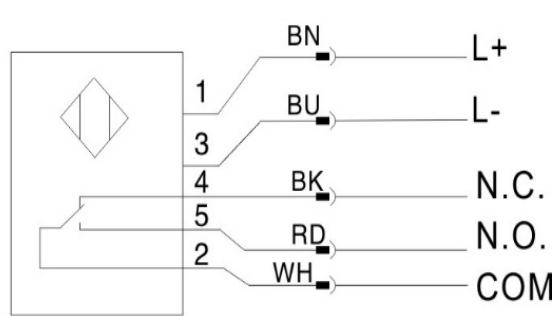
Housing material	Stainless steel 316L
Pedestal	Stainless steel 304
Probe material/Wetted parts	Stainless steel 316L
Cable connection	<p style="text-align: center;"><b>M12 Socket</b></p> 
<p>Wiring Core color</p> 	 <p style="text-align: center;">NO/NC 通过菜单可设置为常开/常闭</p>





<p>FL3302 Sanitary Flow Sensor Stainless steel housing Seal plus water-proof construction Connection: Internal thread M18 x 1.5 Programmable M12 Socket</p>	 <p>RoHS </p>
Applications	Liquid and gas
Electric design	NPN NO/NC
Supply voltage[V]	20...36 DC
Output	
Maximum load current	400
Overload protection	Yes
Short-circuit protection	Yes
Reverse polarity 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[	3...60
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm	200...800
Startup time[s]	< 8
Output response time[s]	< 2
Medium temperature[°C/°F]	-25...95/-13...203 ( 140°C one hour)
Environment temperature[°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-25...40/-13...104
Protection/Enclosure rating	IP69
Authentication	FDA
Static EN61000-4-2	6kV-CD / 8kV-AD
Group Plus EN61000-4-4	2kV
Lightning Surge	1kV
Interphone test[mm]	<10
Shock resistance[g]	50
Anti-knock[g]	20
Housing material	Stainless steel 316L

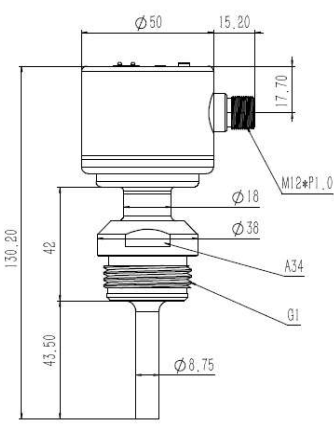
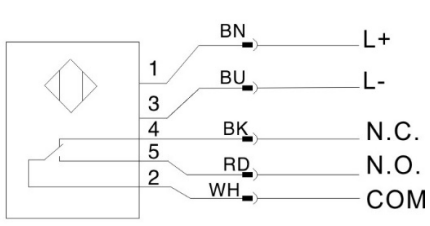
Pedestal	Stainless steel 304
Probe material/Wetted parts	Stainless steel 316L
Cable connection	<p style="text-align: center;">M12 Socket</p> 
<p>Wiring Core color</p>  <p>WH 白色 ② BU 蓝色 ③ ① BN 棕色 ⑤ RD 红色 ④ BK 黑色</p>	 <p>通过菜单可设置为常开/常闭</p>

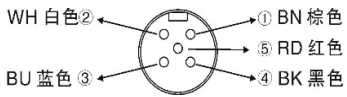
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<p>FL3303</p> <p>Sanitary Flow Sensor</p> <p>Stainless steel housing</p> <p>Seal plus water-proof construction</p> <p>Connection:</p> <p>Internal thread M18 x 1.5</p> <p>Programmable</p> <p>M12 Socket</p>	
Applications	Liquid and gas
Electric design	RoHS  DC Relay
Supply voltage[V]	20...36 DC
Output	NO  NC 
Reverse polarity protection	Yes
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[	3...60
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm	200...800
Startup time[s]	< 8
Output response time[s]	< 2
Medium temperature[°C/°F]	-25...95/-13...203 (140°C one hour)
Environment temperature[°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-25...40/-13...104
Protection/Enclosure rating	IP69
Authentication	FDA
Static EN61000-4-2	6kV-CD / 8kV-AD
Group Plus EN61000-4-4	2kV
Lightning Surge	1kV
Interphone test[mm]	<10
Shock resistance[g]	50
Anti-knock[g]	20
Housing material	Stainless steel 316L
Pedestal	Stainless steel 304

<p>Probe material/Wetted parts</p>	<p>Stainless steel 316L</p>
<p>Cable connection</p>	<p>M12 Socket</p> 
<p>Wiring Core color</p> 	



<p>FL3304</p> <p>Sanitary Flow Sensor</p> <p>Stainless steel housing</p> <p>Seal plus water-proof construction</p> <p>Connection:</p> <p>Internal thread M18 x 1.5</p> <p>Programmable</p> <p>M12 Socket</p>			
Applications		Liquid and gas	
Electric design		RoHS 	AC Relay
Supply voltage[V]		85...265 AC	
Output		NO 	NC 
Reverse polarity protection		Yes	
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[		3...60	
Gas setting range[cm/S]		200...3000	
Max sensitivity of range for gas[cm		200...800	
Startup time[s]		< 8	
Output response time[s]		< 2	
Medium temperature[°C/°F]		-25...95/-13...203 (140°C one hour)	
Environment temperature[°C/°F]		-25...80/-13...176	
Storage temperature[°C/°F]		-25...40/-13...104	
Protection/Enclosure rating		IP69	
Authentication		FDA	
Static	EN61000-4-2	6kV-CD / 8kV-AD	
Group Plus	EN61000-4-4	2kV	
Lightning Surge		1kV	

Interphone test[mm]	< 10
Shock resistance[g]	50
Anti-knock[g]	20
Housing material	Stainless steel 316L
Pedestal	Stainless steel 304
Probe material/Wetted parts	Stainless steel 316L
Cable connection	<p>M12 Socket</p> 
Wiring Core color	



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<p>FL3305</p> <p>Sanitary Flow Sensor</p> <p>Stainless steel housing</p> <p>Seal plus water-proof construction</p> <p>Connection: Internal thread M18 x 1.5</p> <p>Programmable M12 Socket</p>	
Applications	Liquid and gas
Electric design	RoHS  4-20mA
Supply voltage[V]	20...36 DC
Output precision	±10%
Reverse polarity protection	Yes
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[	3...60
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm	200...800
Startup time[s]	< 8
Output response time[s]	< 2
Medium temperature[°C/°F]	-25...95/-13...203 (140°C one hour)
Environment temperature[°C/°F]	-25...80/-13...176
Storage temperature[°C/°F]	-25...40/-13...104
Protection/Enclosure rating	IP69K
Authentication	FDA
Static EN61000-4-2	6kV-CD / 8kV-AD
Group Plus EN61000-4-4	2kV
Lightning Surge	1kV
Interphone test[mm]	<10
Shock resistance[g]	50

Anti-knock[g]	20
Housing material	Stainless steel 316L
Pedestal	Stainless steel 304
Probe material/Wetted parts	Stainless steel 316L
Cable connection	<p>M12 Socket</p>
Wiring Core color	<p>WH 白色②</p> <p>① BN 棕色</p> <p>⑤ RD 红色</p> <p>④ BK 黑色</p> <p>BU 蓝色③</p> <p>4~20mA OUT</p> <p>BN → L+</p> <p>BK → 4~20mA</p> <p>BU → L-</p> <p>WH → P</p>

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