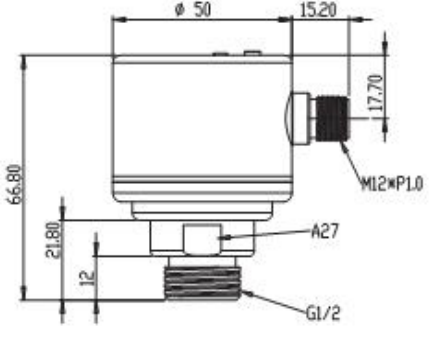


<p>FL6401</p> <p>Remote Flow Sensor</p> <p>Control Monitor</p> <p>Stainless Steel Housing</p> <p>Seal Plus structure</p> <p>External thread G1/2"A</p> <p>Programmable</p> <p>M12 socket</p>	
Applications	Liquid and gas
Electric design	PNP NO/NC
Supply voltage[V]	20...36 DC
Output	<p>NO </p> <p>NC </p>
Max. overload current[mA]	400
Reverse polarity protection	Yes
Overload protection	Yes
Watchdog	Yes
Max. overload current[mA]	<80
Max. temperature drift[K/min]	300
Pressure resistance[bar]	300
Liquid temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
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
Protection/Enclosure Rating	IP68
Dimensions[mm]	

ESD EN61000-4-2	6kV-CD / 8kV-AD
EFT EN61000-4-4	2kV
Shock resistance[g]	50
Vibration resistance[g]	20
Upper cover material	Stainless steel 316L
Housing material	Stainless steel 304
Function Display	Flow : 10 x 3 colors LED
Connection	M12 socket
Wiring	
Core color	
Pin 1=BN	
Pin 2=WH	
Pin 3=BU	
Pin 4=BK	
Pin 5=RD	

<p>FL6402</p> <p>Remote Flow Sensor</p> <p>Control Monitor</p> <p>Stainless Steel Housing</p> <p>Seal Plus structure</p> <p>External thread G1/2"A</p> <p>Programmable</p> <p>M12 socket</p>	
Applications	Liquid and gas
Electric design	PNP NO/NC
Supply voltage[V]	20...36 DC
Output	<p>NO </p> <p>NC </p>
Max. overload current[mA]	400
Reverse polarity protection	Yes
Overload protection	Yes
Watchdog	Yes
Max. overload current[mA]	<80
Max. temperature drift[K/min]	300
Pressure resistance[bar]	300
Liquid temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
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
Protection/Enclosure Rating	IP68
Dimensions[mm]	

ESD EN61000-4-2	6kV-CD / 8kV-AD
EFT EN61000-4-4	2kV
Shock resistance[g]	50
Vibration resistance[g]	20
Upper cover material	Stainless steel 316L
Housing material	Stainless steel 304
Function Display	Flow : 10 x 3 colors LED
Connection	M12 socket
Wiring	<p>       1 BN L+        3 BU L-        4 BK N.C.        5 RD N.O.        2 WH COM     </p>
Core color	
Pin 1=BN	
Pin 2=WH	
Pin 3=BU	
Pin 4=BK	
Pin 5=RD	


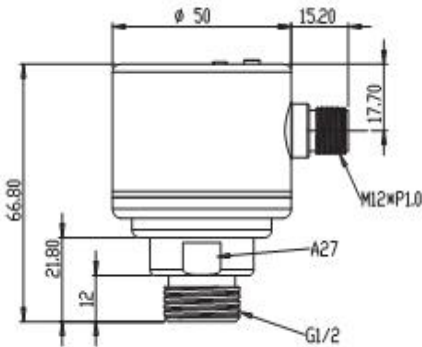
<p>FL6403</p> <p>Remote Flow Sensor</p> <p>Control Monitor</p> <p>Stainless Steel Housing</p> <p>Seal Plus structure</p> <p>External thread G1/2"A</p> <p>Programmable</p> <p>M12 socket</p>	
Applications	Liquid and gas
Electric design	DC RELAY
Supply voltage[V]	20...36 DC
Output	NO    NC 
Reverse polarity protection	Yes
Max. overload current[mA]	<80
Max. temperature drift[K/min]	300
Pressure resistance[bar]	300
Liquid temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
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
Protection/Enclosure Rating	IP68
Dimensions[mm]	
ESD EN61000-4-2	6kV-CD / 8kV-AD

EFT EN61000-4-4	2kV
Shock resistance[g]	50
Vibration resistance[g]	20
Upper cover material	Stainless steel 316L
Housing material	Stainless steel 304
Function Display	Flow : 10 x 3 colors LED
Connection	M12 socket
Wiring	<p>BN → L+</p> <p>BU → L-</p> <p>BK → N.C.</p> <p>RD → N.O.</p> <p>WH → COM</p>
Core color	
Pin 1=BN	
Pin 2=WH	
Pin 3=BU	
Pin 4=BK	
Pin 5=RD	

<p>FL6404</p> <p>Remote Flow Sensor</p> <p>Control Monitor</p> <p>Stainless Steel Housing</p> <p>Seal Plus structure</p> <p>External thread G1/2"A</p> <p>Programmable</p> <p>M12 socket</p>	
Applications	Liquid and gas
Electric design	AC RELAY
Supply voltage[V]	85...265 AC
Output	NO    NC 
Reverse polarity protection	Yes
Max. overload current[mA]	<80
Max. temperature drift[K/min]	300
Pressure resistance[bar]	300
Liquid temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
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
Protection/Enclosure Rating	IP68
Dimensions[mm]	
ESD EN61000-4-2	6kV-CD / 8kV-AD


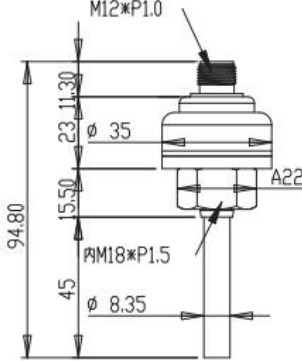
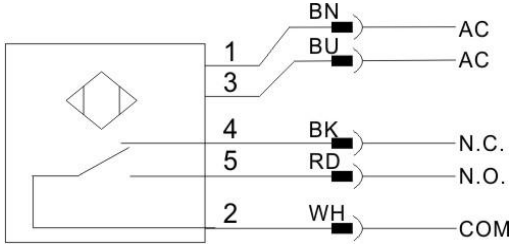
EFT EN61000-4-4	2kV
Shock resistance[g]	50
Vibration resistance[g]	20
Upper cover material	Stainless steel 316L
Housing material	Stainless steel 304
Function display	Flow : 10 x 3 colors LED
Connection	M12 socket
Wiring	
Core color	
Pin 1=BN	
Pin 2=WH	
Pin 3=BU	
Pin 4=BK	
Pin 5=RD	


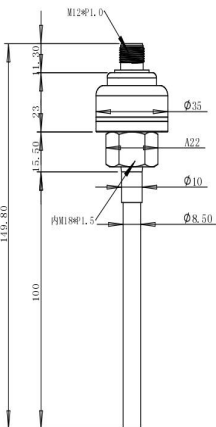
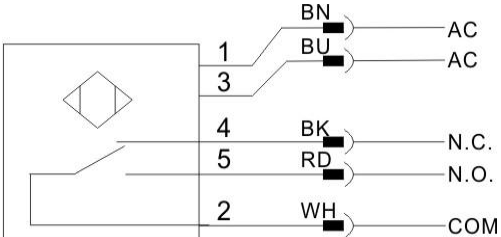


<p>FL6405</p> <p>Remote Flow Sensor</p> <p>Control Monitor</p> <p>Stainless Steel Housing</p> <p>Seal Plus structure</p> <p>External thread G1/2"A</p> <p>Programmable</p> <p>M12 socket</p>	
Applications	Liquid and gas
Electric design	4...20mA
Supply voltage[V]	20...36 DC
Accuracy[%]	±10% (25 °C in water 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 temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
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
Protection/Enclosure Rating	IP67
Dimensions[mm]	
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
Housing material	Stainless steel 304
Function Display	Flow : 10 x 3 colors LED
Connection	M12 socket
Wiring	
Core color	

Pin 1=BN  
 Pin 2=WH  
 Pin 3=BU  
 Pin 4=BK  
 Pin 5=RD

<p>FL6410 EX proof Remote Flow Sensor Probe Used with control monitor M12 socket 5 Pin Male Connection: M18 x 1.5 M12 socket Probe length L=45mm</p>	
Applications	Liquid and gas
Connection	M12 socket
Liquid temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm/S]	200...800
Ambient temperature[°C/°F]	-25...80/-13...176
Protection/Enclosure Rating	IP68
Dimensions[mm]	
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	Stainless steel 316L
Pressure resistance[bar]	30
<p>Wiring</p> <p>Core color</p> <p>Pin 1=BN</p> <p>Pin 2=WH</p> <p>Pin 3=BU</p> <p>Pin 4=BK</p> <p>Pin 5=RD</p>	

<p>FL6411 EX proof Remote Flow Sensor Probe Used with control monitor M12 socket 5 Pin Male Connection: M18 x 1.5 M12 socket Probe length L=100mm</p>	
Applications	Liquid and gas
Connection	M12 socket
Liquid temperature[°C/°F]	-25...80/-13...176
Liquid setting range[cm/S]	3...300
Max sensitivity of range for liquid[cm/S]	3...100
Gas temperature[°C/°F]	-25...80/-13...176
Gas setting range[cm/S]	200...3000
Max sensitivity of range for gas[cm/S]	200...800
Ambient temperature[°C/°F]	-25...80/-13...176
Protection/Enclosure Rating	IP68
Dimensions[mm]	
Shock resistance[g]	50
Vibration resistance[g]	20
Housing material	Stainless steel 304
Probe material/Wetted Parts	Stainless steel 316L
Pressure resistance[bar]	30
<p>Wiring</p> <p>Core color</p> <p>Pin 1=BN</p> <p>Pin 2=WH</p> <p>Pin 3=BU</p> <p>Pin 4=BK</p> <p>Pin 5=RD</p>	

**ООО “РусАвтоматизация”**