





- This electronic flow sensors meet the standard of hygienic design
- Embedded high precision sensing chip and suitable for gas and liquids
- Elegant design, smooth surface, anti-acid, anti-alkali and anti-corrosion
- Users can set flow range and switch point via buttons easily
- All stainless steel structure and the rating is up to IP69K



Accessories:

Type	Connector Order No.						Drawing No.
	C	02	I	5	C	12	I : E3U11
	C: Cable	Length 02: 2M 05: 5M 10: 10M	Connector I: Straight L: Angled	Pole 4: 4 5: 5	Material R: PUR C: PVC S: PVC Shielded wire	Size 12: M12	L : E3U12

Order No.	US0063	US0064
Type	 Hygienic welding adapter	 Hygienic Tri Clamp adapter
Drawing No.	E3U17	E3U18

Order NO.

FL33 Sanitary Flow sensors

Order NO.	Thread Type	Thread	Sensible Range Liquid (cm/s)	Sensible Range gas (cm/s)	Output	Probe Length (mm)	Supply Voltage (V)	Drawing No.
FL3301	External	G1"A	3~300	200~3000	PNP NO/NC	45	20~36 DC	E3F02
FL3302	External	G1"A	3~300	200~3000	NPN NO/NC	45	20~36 DC	E3F02

FL331X Sanitary Flow and Temperature Sensors

Order NO.	Thread Type	Thread	Sensible Range Liquid (cm/s)	Sensible Range gas (cm/s)	Output	Probe Length (mm)	Supply Voltage (V)	Drawing No.
FL3311	External	G1"A	3~300	200~3000	PNP NO/NC	45	20~36 DC	E3F02
FL3312	External	G1"A	3~300	200~3000	NPN NO/NC	45	20~36 DC	E3F02

Technical parameters:

Housing/Probe material: Stainless steel 316L
 Connection: M12 Socket
 Pressure rating [bar]: 300
 Max. current load [mA]: 400
 Voltage drop [V]: < 2.5
 Power-on delay time [s]: < 8
 Output response time [s]: < 2
 Medium temperature [°C]: -25...95