



- Used for long-distance flow measurement
- Three combined units: controller, cable, probe
- Users can set flow range and switch point via buttons easily
- Embedded high precision sensing chip and suitable for gas and liquid
- All stainless steel structure and protection rating is up to IP68



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.	US0001	US0002	US0003	US0007	US0009	US0023
Type						
	M18 x 1.5 – M12 x 1	M18 x 1.5 – G1/4"	M18 x 1.5 – G1/2"	M18 x 1.5 – Ø24mm	M18 x 1.5 – M18 x 1.5	M18 x 1.5 – G1/4"
Drawing No.	E3U01	E3U02	E3U03	E3U07	E3U08	E3U09

* US0023 is used for low flow rate

Order NO.

Control monitors

Order NO.	Thread Type	Thread	Sensible Range Liquid (cm/s)	Sensible Range gas (cm/s)	Output	Probe Length (mm)	Supply Voltage (V)	Drawing No.
FL6401	External	G1/2"A	3~300	200~3000	PNP NO/NC	None	20~36 DC	E3F05
FL6402	External	G1/2"A	3~300	200~3000	NPN NO/NC	None	20~36 DC	E3F05
FL6403	External	G1/2"A	3~300	200~3000	RELAY NO/NC	None	20~36 DC	E3F05
FL6404	External	G1/2"A	3~300	200~3000	RELAY NO/NC	None	85~265 AC	E3F05

Probe

Order NO.	Thread Type	Thread	Sensible Range Liquid (cm/s)	Sensible Range gas (cm/s)	Output	Probe Length (mm)	Supply Voltage (V)	Drawing No.
FL6410	Internal	M18"x1.5	None	None	None	45	None	None

Type	Cable Order No.						Drawing No.
	C	02	J	5	R	12	J : E3U10
	C: Cable	Length 02: 2M 05: 5M 10: 10M	J : Jumper male/female	Pole 5: 5	R: PUR	Size 12: M12	

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...80