



- Programmable flow sensor. User can set the flow range and switch point via buttons easily
- Sensible substance: gas, liquids
- Power protection: overload, shortcircuit, reverse polarity
- Medium temperature: -25°C~80°C
- Robust housing/probe stainless steel 316L
- Protection: IP68



Accessories:

Type	Connector Order No.						Drawing No.
I	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
L							

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

Drawing

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Order NO.

FL60 Smart type

Order NO.	Thread Type	Thread	Sensible Range Liquid (cm/s)	Sensible Range gas (cm/s)	Output	Probe Length (mm)	Supply Voltage (V)	Drawing No.
FL6001	Internal	M18x1.5	3~300	200~3000	PNP NO/NC	45	20~36 DC	E3F01
FL6002	Internal	M18x1.5	3~300	200~3000	NPN NO/NC	45	20~36 DC	E3F01
FL6003	Internal	M18x1.5	3~300	200~3000	RELAY NO/NC	45	20~36 DC	E3F01
FL6004	Internal	M18x1.5	3~300	200~3000	RELAY NO/NC	45	85~265 AC	E3F01
FL6005	Internal	M18x1.5	3~60	200~800	4~20mA	45	20~36 DC	E3F01

FL60 Extra length 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.
FL6011	Internal	M18x1.5	3~300	200~3000	PNP NO/NC	100	20~36 DC	E3F01
FL6012	Internal	M18x1.5	3~300	200~3000	NPN NO/NC	100	20~36 DC	E3F01
FL6013	Internal	M18x1.5	3~300	200~3000	RELAY NO/NC	100	20~36 DC	E3F01
FL6014	Internal	M18x1.5	3~300	200~3000	RELAY NO/NC	100	85~265 AC	E3F01

FL61 Titanium alloy 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.
FL6101	Internal	M18x1.5	3~300	200~3000	PNP NO/NC	45	20~36 DC	E3F01
FL6102	Internal	M18x1.5	3~300	200~3000	NPN NO/NC	45	20~36 DC	E3F01
FL6103	Internal	M18x1.5	3~300	200~3000	RELAY NO/NC	45	20~36 DC	E3F01
FL6104	Internal	M18x1.5	3~300	200~3000	RELAY NO/NC	45	85~265 AC	E3F01

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
 4...20mA Output accuracy: ± 10%
 Medium temperature[°C]: -25...80