

MODEL EX-250S SERIES

- EXCELLENT performance and compact mass flow device
- Lower cost but high accuracy measurement
- High speed response and zero stability
- 0-5VDC or 4-20mA Input/output signal and +/-15VDC or 24VDC power supply
- Mediocrity D-sub 9pin
- Gases registered in EX-250S are usable by rotary-switch
- *Calculate the flow rate with conversion factor based on N₂ gas
- RoHS compliance, CE marked

■ Specification Table

Product Name	EX-250S
Flow range *1	(min) 0-10SCCM (max) 0-5SLM
Control / measure range	2-100%F.S.
Accuracy	±1%F.S.
Repeatability	±0.2%F.S.
Response	≤1sec within ±2%F.S.
Installation posture	Horizontal
Proof pressure	980kPa(G)
Leak rate (He)	1×10 ⁻⁸ Pa · m ³ /s
Allowable operating humidity	0-50°C (Accuracy guarantee temperature:15-35°C)
Materials in contact with gas	SUS316, SUS316L, Magnetic Stainless Steel, Ni-Co, PTFE, FKM
Electrical connection	D-sub 9-pin, KFC standard
Communication system	RS-485
Input signal *2	0-5VDC or 4-20mA
Output signal	0-5VDC or 4-20mA
Power supply	±15VDC or 24VDC
Fitting *3	1/4SWL
Weight	approx. 500g

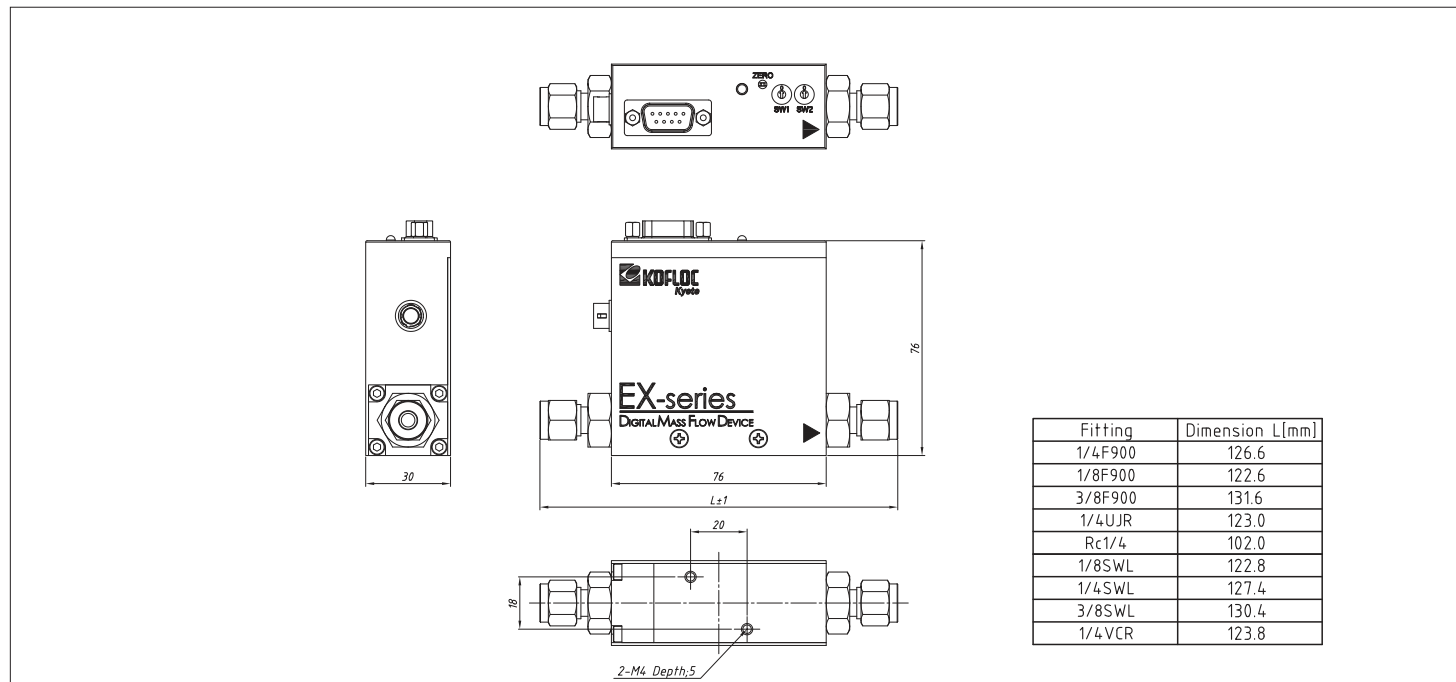
*1 The flow rate calibration units SCCM and SLM indicate a mass flow rate converted to a volume flow rate in cc/min and L/min at 0°C and 1 atm.

*2 Apply only for mass flow controller.

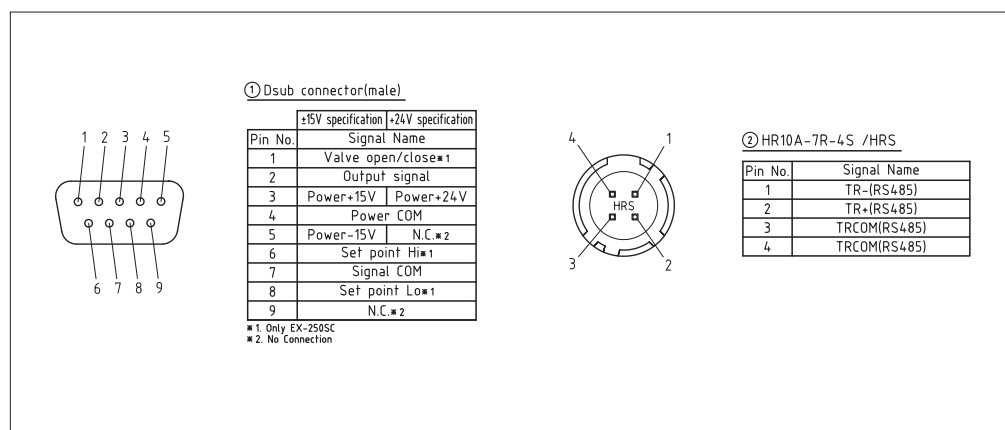
*3 Contact us for any other joints.

*4 The specifications are subject to change without notice.

Dimensional drawings



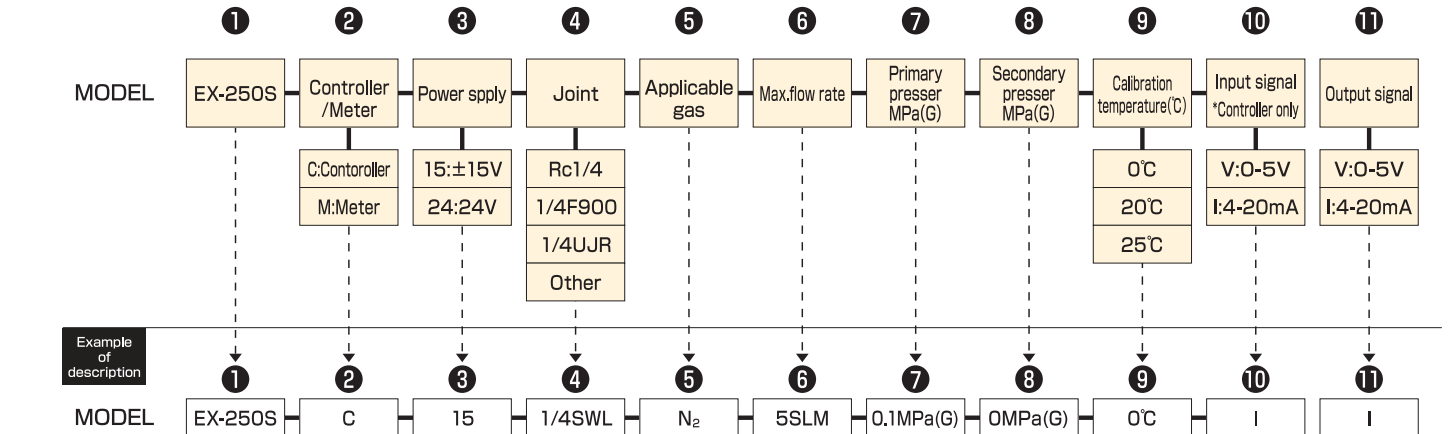
Wiring connections



Rotary switch(SW1) position

No.	Gas
0	Calibration gas
1	N ₂
2	Air
3	H ₂
4	He
5	Ar
6	O ₂
7	CO ₂
8	Converted value used by C.F (Unchangeable)
9	User custom mode (Changeable by software)

Wiring connections



Contact

Scientific approach to fluids

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【Information】

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