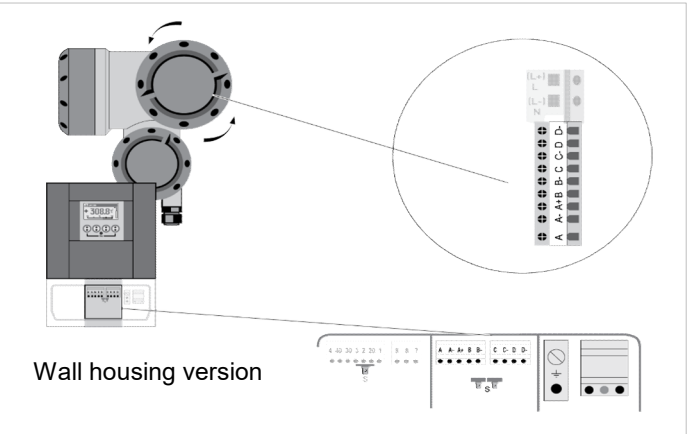
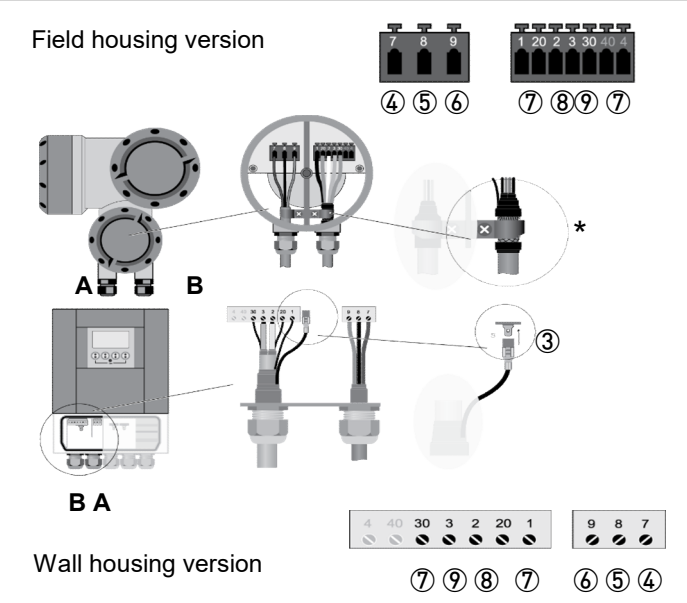


I/O connections

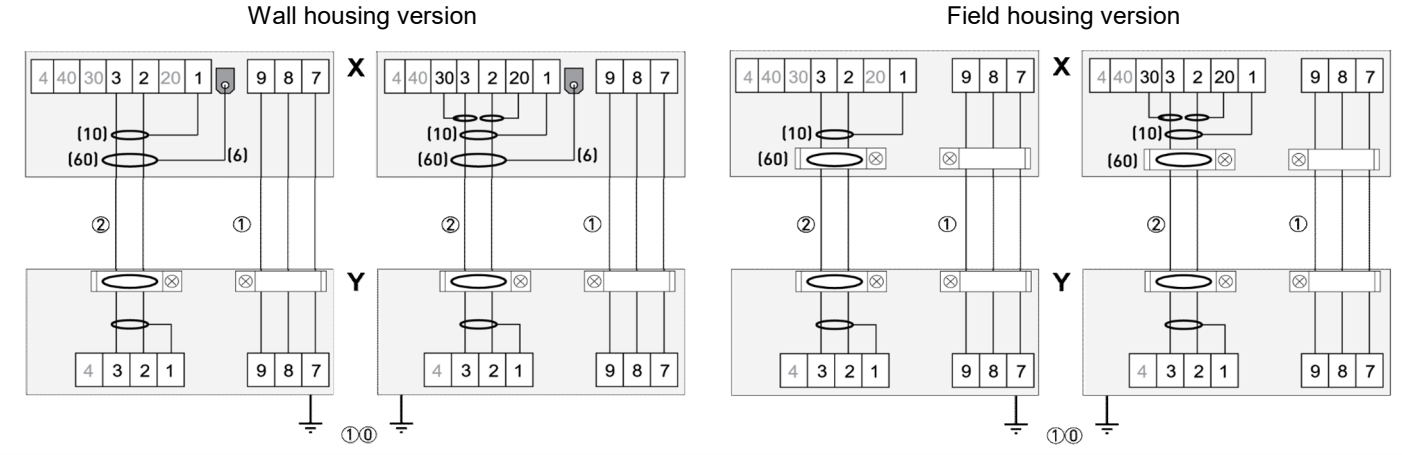


Refer to the manual for more details on connection options

Sensor cable connections



Connection diagram



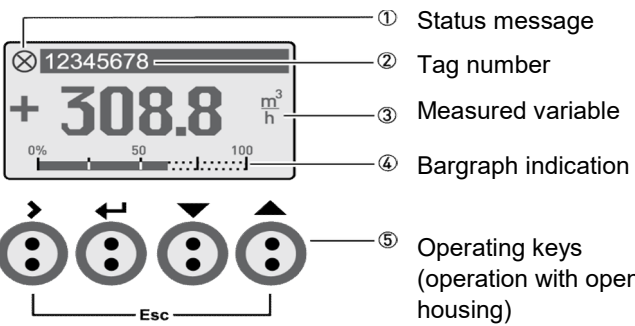
S	Shield connection terminal
A, B, C, D	I/O positive terminal (+)
A+, B+	I/O positive terminal (+)
A-, B-, C-, D-	I/O negative terminal (-)

POWER		CG 3x xxxxxx S/N: XXXxxxxx	
PE (FE)		A = Active P = Passive NC = Not connected	
INPUT / OUTPUT	L(L+) N(L-)		
	D -	P	PULSE OUT / STATUS OUT Imax = 100 mA@f<= 10 Hz; = 20 mA@f<=12 kHz Vo = 1.5 V @ 10 mA; Umax = 32 VDC
	C -	P	STATUS OUT Imax = 100 mA; Vmax = 32 VDC
	B -	P	STATUS OUT / CONTROL IN Imax = 100 mA Von > 19 VDC, Voff < 2.5 VDC; Vmax = 32 VDC
	A +	A	CURRENT OUT (HART) Active (Terminals A & A+); RLmax = 1 kohm
	A -	P	Passive (Terminals A & A-); Vmax = 32 VDC

① / A	Field current cable
② / B	Signal cable A (DS 300) / Signal cable B (BTS 300)
③	Shield connection terminal (S)
④	Electrical conductor (7)
⑤	Electrical conductor (8)
⑥	Electrical conductor (9)
⑦	Stranded drain wires (1 - 20 - 30)
⑧	Electrical conductor (2)
⑨	Electrical conductor (3)
⑩	Functional ground (FE)
X	Signal converter terminal compartment
Y	Flow sensor connection box
*	Clamp connect outer shield to the housing

Do not connect the outer shielding of the field current cable!

3 Quick Setup



Measuring mode			
Select menu		Select Submenu	Functions
Press > 2.5 s			
A quick setup	A1 language		
	A2 Tag		
	A3 reset	A3.1 reset errors A3.2 counter 1 A3.2 counter 2 A3.4 counter 3	
	A4 analog outputs	A4.1 measurement A4.2 unit A4.3 range A4.4 low flow cutoff A4.5 time constant	
	A5 digital outputs	A5.1 measurement A5.2 pulse value unit A5.3 value p. pulse A5.4 low flow cutoff	
	A6 GDC IR interface		
	A7 process input	A7.1 device serial no. A7.2 zero calibration A7.3 size A7.4 GK A7.5 GKL A7.6 coil resistance Rsp A7.7 calib. coil temp. A7.8 target conduct. A7.9 EF electr. factor A7.10 field frequency A7.11 flow direction	

Download documents/software
Scan the code on the nameplate or scan the following code and enter the serial number.



Support

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