

FB 4302 HART Analog Output, Ex-e



SIL2

Product features

- Output isolator for 4 - 20 mA, indicators, positioners, I/P converters
- Galvanic isolation
- EMC to EN 61326 or NE21
- HART compatible
- HART communication via fieldbus or local RS 485 interface
- Line monitor
- Zone 1 mounted
- Can be unplugged during operation (hot swap)
- Ex-e terminal accessible when voltfree
- Optional bus independent shut down

Output:

Max. load	750 Ω
Output current	0/4 - 20 mA (short circuit protected)
I _{min} /max	0/25 mA (1 mA for LFD)
Linearity	< 0.1 %
Temperature drift	< 0.1 % / 10 K
Line monitor	> 850 Ω ... 4 kΩ
Watch dog	Output OFF 0.5 s after serious fault
Connection	2 m cable tail to Ex-e terminals
Conversion time	≤ 50 msec
Power consumption	1 W

Explosion protection:

Category	II 2 GD EEx d IIC
Approval	PTB 97 ATEX 1074 U

Ordering details

	Type	Order No.
HART analog output, Ex-e, 200 cm cable tail	FB 4302 BS200	GHG 127 0000 B4302
HART analog output, Ex-e, 80 cm wire ends	FB 4302 B-080	GHG 127 0001 B4302
HART analog output, Ex-e, 150 cm wire ends	FB 4302 B-150	GHG 127 0002 B4302
HART analog output, Ex-e, 200 cm wire ends	FB 4302 B-200	GHG 127 0003 B4302
HART analog out, Ex-e, shut-down input, 200 cm wire ends	FB 4302 C-200	GHG 127 0003 C4302

