

Model 7/304

Current Driver with Level Shift Option



Product features

- Analog output for 4 - 20 mA signals (I/P converter, displays, positioners)
- DIN rail mounted
- Short circuit protected outputs
- Current/Voltage converter
- Level Shift Option
- Galvanic isolation between input, output and power supply
- EMV to EN 61326 and NE21
- EEx ia/ib approved

Technical data:

Input impedance	25 Ω (mA), 10 k Ω (V)
Max. load at	22.5 V Power supply: 500 Ω 20 V Power supply : 320 Ω
Linearity	< 0.1 %
Temperature drift	< 0.1 % / 10 K
Response time	100 ms (10 - 90 %)
Power supply	20 - 26.4 V AC (2.3 VA)
Ambient temperature	20 - 30 V DC (1.4 W)
Relative humidity	-20 $^{\circ}$ C ... +60 $^{\circ}$ C < 95 %, no condensation

Explosion protection:

Category	II (1) GD [EEx ia] IIC
EC-Type Examination	TUV 98 ATEX 1342
Safety values	Voc = 12.6 V, Isc = 87 mA, Po = 670 mW, R = 446 Ω Characteristic: trapezoidal

Ordering details

Type	Input	Output	Ex-protection	Order No.
7/304	0/4 - 20 mA	0/4 - 20 mA	ia/ib	GHG 125 3310 L 0306
7/304	0 - 20 mA	4 - 20 mA	ia/ib	GHG 125 3310 L 0106
7/304	1 - 5 V	4 - 20 mA	ia/lb	GHG 125 3313 L 0306
7/304	2 - 10 V	4 - 20 mA	ia/ib	GHG 125 3315 L 0306
7/304	0/4 - 20 mA	0/4 - 20 mA	-	GHG 125 3010 L 0306
7/304	0 - 20 mA	4 - 20 mA	-	GHG 125 3010 L 0106
7/304	1 - 5 V	4 - 20 mA	-	GHG 125 3013 L 0306
7/304	2 - 10 V	4 - 20 mA	-	GHG 125 3015 L 0306

Level configuration via jumpers, signal type configuration via solder bridges

