

# Model 4/125 RTD Temperature Converter



## Product features

- 2-, 3- or 4-wire-RTD converter
- DIN rail mounted
- Plug-in screw connectors
- Short circuit protected output
- EEx ia/ib approved
- Off-line programmable (powered by PC)
- 3 port isolation
- EMC to EN 61326 and NE21

## Technical data:

Range	-200 °C ... 850 °C, smallest span 20 Ω
Output	4 ... 20 mA
Burn-out feature	Output selectable 0, > 100 %, frozen
Load	< 750 Ω
Line resistance	< 50 Ω
Linearity	< 0.1 %
Temperature drift	< 0.1 % / 10 K
Response time	< 150 ... 350 ms mode dependent
Power supply	20.4 - 30 V DC (< 1.5 W)
Weight	160 g
Ambient temperature	-20 °C ... +60 °C
Relative humidity	< 95 %, no condensation

## Explosion protection:

Category	II (1) GD [EEx ia/ib] IIC
EC-Type Examination	TÜV 97 ATEX 1165
Safety values	Voc = 2.7 V, Isc = 11 mA, Po = 21 mW

## Ordering details

Type	Ex-protection	Order No.
4/125	ia/ib	GHG 131 3100 L 0006
4/125	-	GHG 131 3000 L 0006

## Accessories

Type	Order No.
Configuration cable	GHG 139 0028 C 0000

