

GSV-4GPRS M12/125Hz



Description

Technical Data

Input analog

| | | |
|---|-------------|------|
| Input sensitivity-steps | 2.0 10 | mV/V |
| Input resistance strain-gauge-full-/half-bridge | 89 ... 5000 | Ohm |
| Input resistance strain-gauge-quarter-bridge | 350 | Ohm |
| Input voltage f | 0 ... 10 | V |

Output analog

| | | |
|--------------------------|---|--|
| Number of analog outputs | 4 | |
|--------------------------|---|--|

Measuring frequency

| | | |
|--------------------|-----------|-----|
| Data frequency f | 0 ... 125 | Hz |
| Sampling frequency | 1.92 | MHz |

Supply

| | | |
|----------------------------|-----------|---|
| Supply voltage f | 3 ... 4.2 | V |
| Current consumption to | 0.65 | A |
| Strain gauge bridge supply | 2.5 | V |

Interface

| | | |
|---------------------------|------|--|
| Type of the interface | GPRS | |
| Quantity of the interface | 1 | |

Temperature

| | | |
|-------------------------------|------------|----|
| Rated temperature range f | -10 ... 50 | °C |
| Operating temperature range f | -40 ... 85 | °C |
| Environmental protection | IP66 | |






Basis Data

| | | |
|--------------------|-----------|--|
| Housing | Aluminium | |
| Connection | Connector | |
| Number of channels | 4-Kanal | |

Precision

| | | |
|---|-------|----------|
| Accuracy class | 0,05% | |
| Temperature effect on the zero point | 0.05 | %FS/10°C |
| Temperature effect on the measuring sensitivity | 0.01 | %RD/10°C |
| Resolution | 16 | Bit |

accessories

| | Description | Description |
|---|-------------------------|---|
|  | Connector xp/m/M12/0 | Cable plug connector, 4 / 5 poles, shieldable |
|  | Connector 4p/f/M8/2,0/N | |
|  | Li-Ion accu 10.000 mAh | Li-Ion accu 10.000 mAh for GSV-4GPRS |
|  | Li-Ion accu 20.000 mAh | Li-Ion accu 20.000 mAh for GSV-4GPRS |
|  | Mounting-FEET-300 | Mounting plates for GSV-4GPRS and GSV-4GPRSx2, GSV-8AS, also KL4 and GSV-15KL4; |