## Data sheet

## FM 050 (050-1BB40)

Technical data

| Order no. | 050-1BB40 |
| :---: | :---: |
| Type | FM 050 |
| Module ID | 08812880 |
| General information |  |
| Note | - |
| Features | Frequency measurement $2 x$ Counter 24 Bit (AB), DC 24 V Up to 600 kHz |
| Current consumption/power loss |  |
| Current consumption from backplane bus | 35 mA |
| Power loss | 0.5 W |
| Technical data digital inputs |  |
| Number of inputs | 2 |
| Cable length, shielded | 100 m |
| Cable length, unshielded | - |
| Rated load voltage | DC 20.4...28.8 V |
| Reverse polarity protection of rated load voltage | - |
| Current consumption from load voltage L+ (without load) | 5 mA |
| Rated value | DC 20.4...28.8 V |
| Input voltage for signal "0" | DC 0... 5 V |
| Input voltage for signal "1" | DC 15...28.8 V |
| Input voltage hysteresis | - |
| Signal logic input | - |
| Frequency range | - |
| Input resistance | - |
| Input current for signal "1" | 3 mA |
| Connection of Two-Wire-BEROs possible | yes |
| Max. permissible BERO quiescent current | 0.5 mA |
| Input delay of "0" to "1" | $0.8 \mu \mathrm{~s}$ |
| Input delay of "1" to "0" | $0.8 \mu \mathrm{~s}$ |
| Number of simultaneously utilizable inputs horizontal configuration | 2 |
| Number of simultaneously utilizable inputs vertical configuration | 2 |
| Input characteristic curve | IEC 61131-2, type 1 |
| Initial data size | 20 Byte |
| Technical data digital outputs |  |
| Number of outputs | - |
| Cable length, shielded | - |
| Cable length, unshielded | - |
| Rated load voltage | - |
| Current consumption from load voltage L+ (without load) | - |
| Output delay of "0" to "1" | - |
| Output delay of "1" to "0" | - |




