

## Data sheet

### FM 050 (050-1BS00)

#### Technical data

<b>Order no.</b>	<b>050-1BS00</b>
Type	FM 050
Module ID	09C1 7800

#### General information

Note	-
Features	SSI - Encoder Master or slave mode Encoder frequency 125 kHz...2 MHz ?s time stamp for encoder value


#### Current consumption/power loss

Current consumption from backplane bus	70 mA
Power loss	1 W
Parallel switching of outputs for increased power	-

#### Status information, alarms, diagnostics

Status display	yes
Interrupts	yes, parameterizable
Process alarm	no
Diagnostic interrupt	yes, parameterizable
Diagnostic functions	yes, parameterizable
Diagnostics information read-out	possible
Module state	green LED
Module error display	red LED
Channel error display	none

#### Isolation

Between channels	-
Between channels of groups to	-
Between channels and backplane bus	
Between channels and power supply	-
Max. potential difference between circuits	-
Max. potential difference between inputs (Ucm)	-
Max. potential difference between Mana and Mintern (Uiso)	-
Max. potential difference between inputs and Mana (Ucm)	-
Max. potential difference between inputs and Mintern (Uiso)	-
Max. potential difference between Mintern and outputs	-
Insulation tested with	DC 500 V

#### Datasizes

Input bytes	6
Output bytes	0
Parameter bytes	17
Diagnostic bytes	20

### Housing

Material	PPE / PPE GF10
Mounting	Profile rail 35 mm

### Mechanical data

Dimensions (WxHxD)	12.9 mm x 109 mm x 76.5 mm
Weight	60 g

### Environmental conditions

Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C

### Certifications

UL508 certification	yes
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