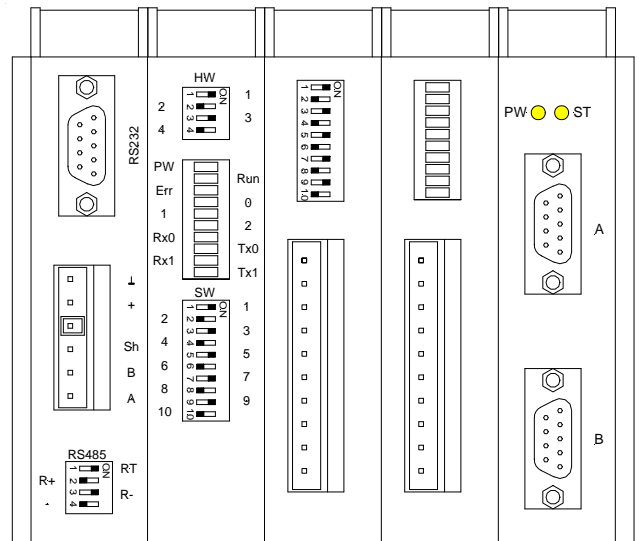


AD-TM2

Module for Strain Gauge Bridges Connection

- 2 x strain gauge bridge, six-wire connection
- CANON DB9 connectors for connection
- Thermoelectric voltage elimination
- Power supply from internal source
- Power supply and module access indication by LEDs
- Self-stacking connection to the AD-CPU167 unit, DIN rail mounting



TECHNICAL DATA

Number of inputs	2 strain gauge bridges
Strain gauge bridge type	400 Ohm / 350 Ohm
Strain gauge bridge power supply	5 V
Measurement modes	DC or AC
Basic measurement range	3000 scale divisions
Calibration measurement range	30000 scale divisions
Galvanic separation	Yes, shared *)
Module position in system	No limitation
Max. number of modules	16
Max. internal source consumption (5 V DC)	50 mA without strain gauge bridge power supply
Connector	CANON DB9, female
Mounting	35 mm DIN rail
Operating temperature	0 to 70 °C
Max. ambient humidity	< 95 % non-condensing
Weight	200 g
Dimensions (w x h x d)	25 x 104 x 96 mm

Note: This module is supported by the NOS operating system in connection with AD-CPU167 main unit only.

*) Insulation strength 500 V AC / 1 minute, galvanic separation may not be used for safe and unsafe parts separation.

ORDERING INFORMATION

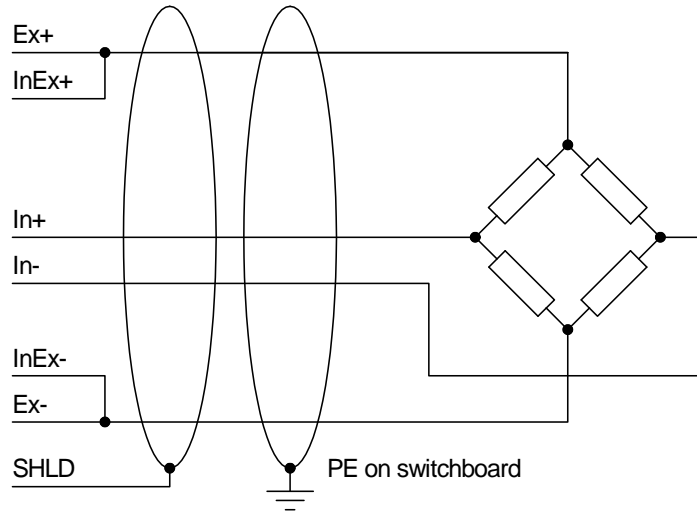
AD-TM2	Module for two strain gauge bridges connection, data sheet, warranty card
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SIGNAL ASSIGNMENT ON THE CANON CONNECTOR

PIN	Label
1	Ex-
2	Ex+
3	In-
4	In+
5	SHLD

PIN	Label
6	InEx+
7	InEx-
8	-
9	-

WIRING EXAMPLE – FOUR-WIRE CONNECTION OF STRAIN GAUGE BRIDGE



WIRING EXAMPLE – SIX-WIRE CONNECTION OF STRAIN GAUGE BRIDGE

