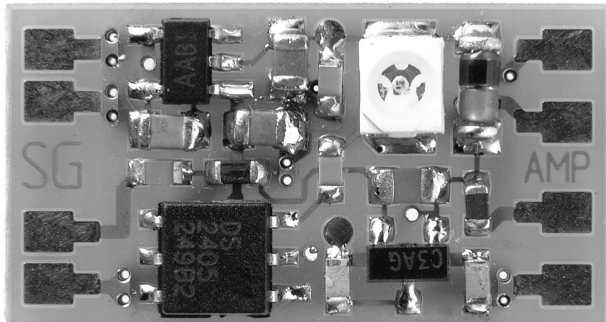


T-ID

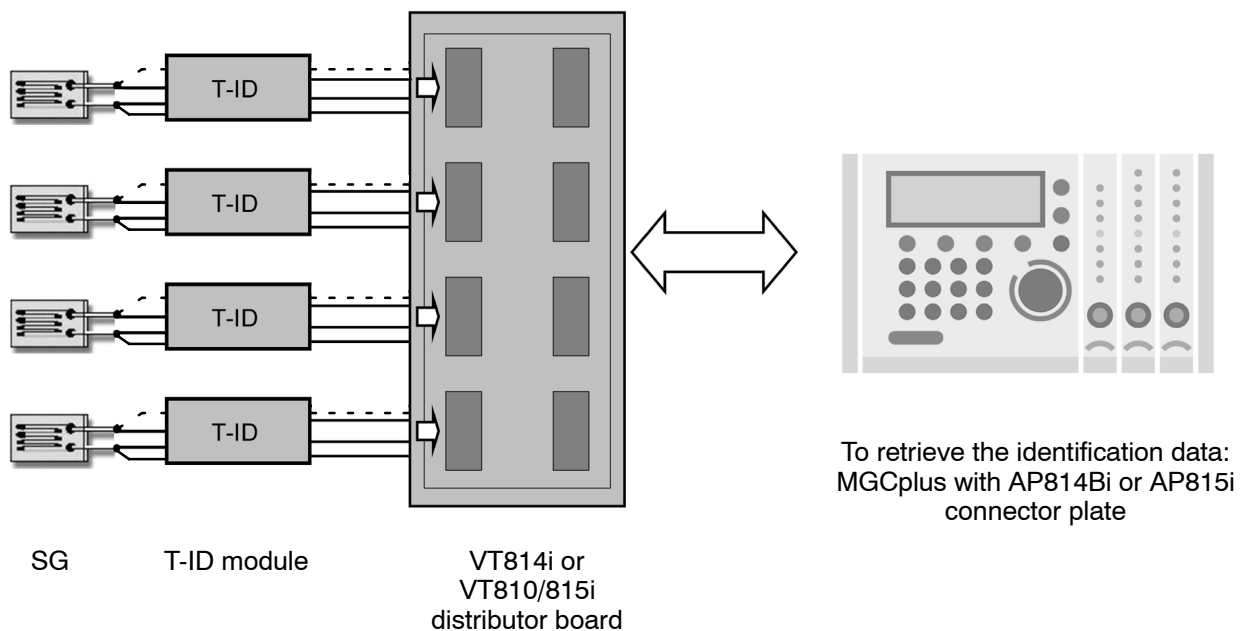
Identification of strain gage (SG) measuring points



Special features

- Identification module for SG quarter bridges in experimental stress analysis
- Glued in place instead of a solder terminal
- Identification number cannot be deleted or confused by mistake
- Electronically retrievable via PC and measuring amplifier
- PC search for a measuring point using a flashing LED on the identification module

A typical complete measurement chain with strain gage identification



Specifications

Supply voltage from connector plate via transducer cable	V _{DC}	5
Temperature range in operation	°C	-30 ... + 70
Current consumption	mA	< 0.5
Cable capacitance between connections 2' and 2	nF	< 10
Degree of protection		None
Acceleration resistance		30 g impact and vibration (special applications on request)
Dimensions w x l x h	mm	11 x 21 x 3.3
Weight	g	1
Meets EU EMC Guideline 89/336/EEC		

Scope and purpose of application

Identification modules simplify startup and the evaluation of measurement data in applications using strain gages, enabling not only the automatic detection of possible wiring problems but also logging by means of one-to-one allocation features.

The identification modules work in conjunction with connector plates (multi-channel modules) on the MGCplus system.

Available configurations

T-ID-BOARD: Identification module, non-cabled

Function board to be installed and connected by the user; e.g. may be glued to the test object in place of a soldering terminal.

T-ID-KAB: Identification module with SG connecting cables

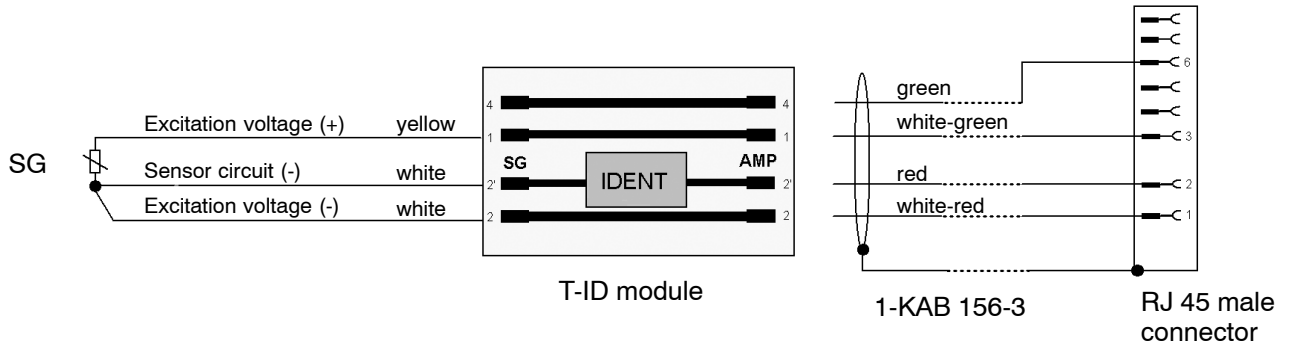
Made-up cable configuration with input side connecting cable (four wire, 100 mm long). Cable terminations tinned for direct soldering to the SG, yellow and white pairs.

Enclosed:

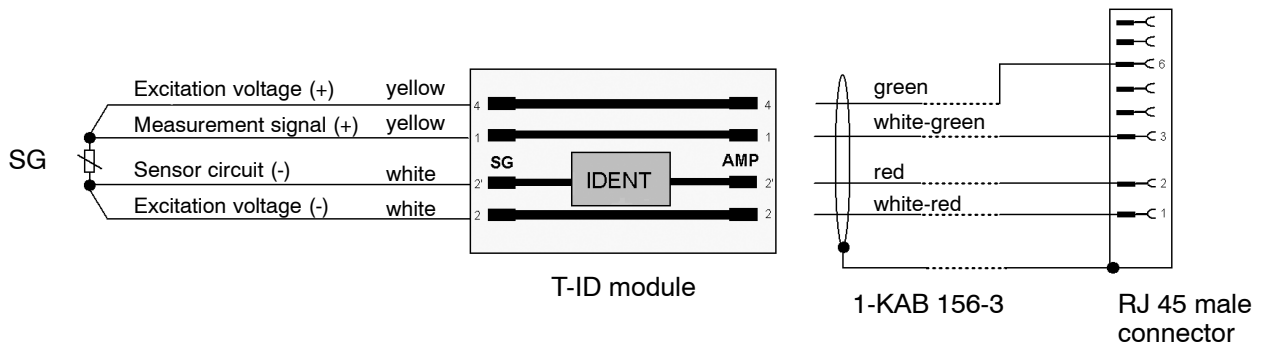
Velcro strip for rapid installation of the packing unit concerned

Quarter bridge connection

Quarter bridge in a three-wire circuit (AP814Bi)



Quarter bridge in a four-wire circuit (AP815i)



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