



integrated measurement & control

# newsletter 12/01

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## Break-out box for SPARTAN Bridge

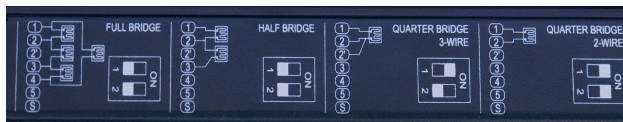
A small but useful companion for SPARTAN's and CRPL bridge amplifiers



With the introduction of the new SPARTAN B and CRONOS PL DCB2-8, imc has successfully entered the market for high channel count strain gage measurement systems.

Particularly in response to the BC version of our new SPARTAN (high density plug, cable needs to be soldered), customers asked for a convenient cable connection option.

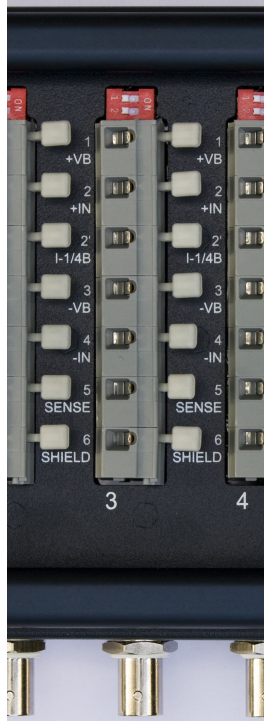
Collaborating with some of our partners, imc designed a break-out box for strain gages suitable for compact and standard bridge amplifier (SPARTAN, CRPL/DCB2-8 and UNI2-8).



The attached pictures above and below shows the new box, able to connect up to 8 channels of strain gages without any tools. The box can be used for all types of wiring (full bridge, half bridge and quarter bridge). By means of dip switches, re-wiring between the use of quarter bridges and other types is not necessary.



Additional BNC input connectors for differential voltage inputs allow to connect voltage signals to every amplifier input directly without disconnecting the break-out box cable from the system.



The WAGO cable clamps offer an extremely comfortable and quick way to wire strain gage cables and to change them if necessary. Additionally, the break-out box offers the possibility to attach cables by using cable ties. Furthermore, the boxes can be stacked and attached by cable ties or screws.

The customer price for the box is 1,090 Euro + cable set (depending on the amplifier used, from 240 to 300 Euro per set of 2 or 4 cables).

imc's bridge connector box is now available and can be ordered with a standard delivery time.



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