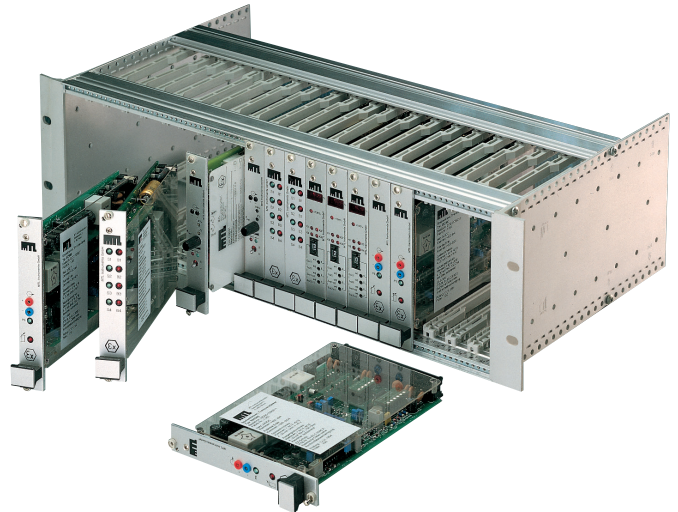




## MTL E Series Eurocard Isolators

- High quality galvanic isolators, designed to DIN 41494 Eurocard standard
- Choice of input/output options
- Three-port isolation—input, output and power supply isolated from each other
- 24V dc supply
- High transfer accuracy
- Units conform to NAMUR EMC standards
- Intrinsically safe models. TÜV certified to CENELEC standards and the ATEX Directive



MTL's E Series is a range of high quality galvanic isolators, in 19-inch Eurocard format.

All MTL Eurocard interface devices conform to the DIN41494 Eurocard standard and also to NAMUR EMC standards. The IS versions are TÜV certified to CENELEC standards and the ATEX Directive.

The Eurocard range provides some common interface functions, including HART® compatibility, so that most installations can be designed easily using the cards. They operate with a 24V dc supply.

### Note:

These remaining models of the Eurocard range are offered to support the maintenance or modification of existing installations using this construction format.

For new installations it is strongly recommended that alternative systems such as backplane-mount or DIN-rail are considered.

The Eurocards offer a choice of input/output options, high transfer accuracy and a selection of alternative formats. Single-channel and multi-channel cards, up to four channels, are also available.

This range of Eurocard modules offers replacement options for several of the previous suppliers of this equipment. Please contact your local MTL distributor to check compatibility with your specific requirement.

HART® is a registered trademark of HART Communication Foundation

**Crouse-Hinds**  
by **EATON**

Measurement Technology Limited,  
Great Marlings, Butterfield, Luton  
Beds, LU2 8DL, UK.  
Tel: + 44 (0)1582 723633 Fax: + 44 (0)1582 422283  
E-mail: mtlenquiry@eaton.com  
www.mtl-inst.com

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## PRODUCT DESCRIPTION AND SPECIFICATIONS

Compatibility to other vendors' products is achieved by dedicated pin out of the module connector. This gives the option to use our product in a place where a broken card from another vendor needs to be replaced. Contact your MTL representative for a copy of the instruction manual of the model for full details.

<b>E02002</b>	<b>Transmitter Power Supply, 1-channel, HART</b> IS input [Ex ia] IIC, with HART® linear or square root characteristics live-zero monitor option for deviation monitoring from input to output
<b>E02007</b>	<b>Isolating driver, 2-channel, HART</b> IS output [Ex ia] IIC, with HART® single or dual channel version
<b>E02008</b>	<b>Transmitter Power Supply, 2-channel, HART</b> IS input [Ex ia] IIC single or dual channel version HART®-option
<b>E02009</b>	<b>Transmitter Power Supply, 2-channel, HART</b> IS input [Ex ia] IIC Transmitter Power Supply can be de-energized by switches on fascia dual channel version only HART®-option
<b>E05016</b>	<b>Switch/Proximito detector Interface with Relay output, 4-channel</b> IS input [Ex ia] IIC 4-channel NAMUR-initiators or dry contacts relay output with 2 contacts per channel (n/o, n/c selectable)
<b>E05510</b>	<b>Switch/Proximity detector Interface, 4-channel</b> IS input [Ex ia] IIC 4-channel NAMUR-initiators or dry contacts transistor outputs

Comprehensive specifications can be obtained through your MTL representative.

## APPROVALS

Product No.	Approved for	Certificate No.
<b>E02002</b>	⊕ II(1)G [Ex ia Ga] IIC	TÜV 98 ATEX 1290 X
<b>E02007</b>	⊕ II(1)G [Ex ia Ga] IIC	TÜV 00 ATEX 1575
<b>E02008</b>	⊕ II(1)G [Ex ia Ga] IIC	TÜV 00 ATEX 1639 X
<b>E02009</b>	⊕ II(1)G [Ex ia Ga] IIC	TÜV 97 ATEX 1216 X
<b>E05016</b>	⊕ II(1)G [Ex ia Ga] IIC	TÜV 02 ATEX 1963
<b>E05510</b>	⊕ II(1)GD [Ex ia Ga] IIC [Ex ia Da] IIIC	Baseefa 11 ATEX 0113 X