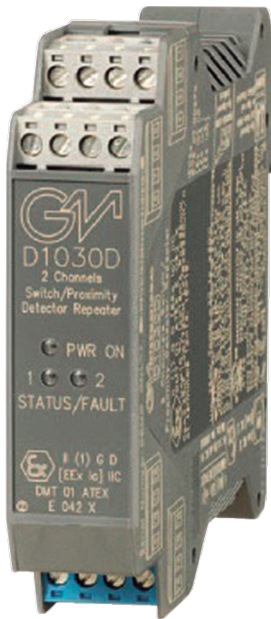


Catalogue No: **D1063S**

GMI Ex i ISOLATOR LD CELL UP TO 4 350 OHM IN 6-WIRE IN-OUT

Hazardous Area Equipment > Hazardous Area Intrinsically Safe Isolators and I/O Systems > Hazardous Area Intrinsically Safe Isolators > GM International Intrinsically Safe Isolators > D1000 Series > D1000 Series Load Cell Isolators



Representative Photo Only
(actual product may vary based on configuration selections)

The D1063S acts as transparent and very accurate galvanic isolated interface installed between a weighing indicator/system in Safe Area and a load cell (or group of load cells) in Hazardous Location

- Wide range of digital and analogue I/Os
- More than 25 modules suitable for SIL 3 applications according to IEC 61508, IEC 61511
- SMD manufacturing and complete absence of electrolytic capacitors ensures minimum 20 years lifetime
- High signal transfer accuracy and repeatability
- Installation in Zone 2
- High packing density
- Three port galvanic isolation to eliminate noise, ground loop problems and to provide intrinsic safety without a high integrity safety earth connection
- Line fault alarm detects open or short circuit of field cables
- Certified for offshore and marine applications

SPECIFICATIONS

Product Series	D1000 Series
IECEX Certified	Yes
Certificate Number	IECEX DNV 07.0001
Certificate URL	http://iecex.iec.ch/iecex/iecexweb.nsf/CoCHistory/IECEX%20DNV%2007.00011
Component Type HAE	Load Cell
Number of Channels	1
Number of Specialty Channels	1 qty
Signal Type(s), Hazardous Area	Resistance signal
Signal Type(s), Safe Area	Resistance signal
Ue, Rated Operational Voltage, DC, min	20 V DC
Ue, Rated Operational Voltage, DC, max	30 V DC
IP Rating	IP20
Operating Temperature, Min	-20 °C min
Operating Temperature, Max	60 °C max
Storage Temperature, Min	-45 °C min
Storage Temperature, Max	80 °C max

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REFERENCES

IECEX Certificate	IECEX DNV 07.0001
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Supplier Declaration of Conformity:	-
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Installation Guide:	-
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User Manual:	-
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Manufacturer Datasheet:	-
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Manufacturer Catalogue & Product Selection:	-
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