

Model HE/HS



HE3 ATEX heater HE3C CSA US/C heater

Design Features

- Compact design
- Low power
- Winterizing and process heating
- 100-300Vac / 42-60Hz / 29 or 48 Watts
- Operational temperature $-60\text{ }^{\circ}\text{C}$ to $+125\text{ }^{\circ}\text{C}$.
- ATEX Ex d IIC T3/T4 Gb (also TR-CU/EAC)
- CSA-us: Class I, Zone 1 AEx d IIC T3
- c-USA: Ex d IIC T3
- Self limiting ceramic PTC heating element
- High temperature cable included

Description

The Multi Instruments Contact Heaters

The Multi Instruments contact heaters are available as Ex-d ATEX, TR-CU/EAC & CSA certified self-limiting electric element heaters as well as steam heaters.

The compact design allows mounting under almost all Multi Instruments manifolds by using just one M8 mounting bolt.

All contact heaters are produced in high quality stainless steel. Steam heaters can be fitted with either metric or imperial size twin ferrule fittings of your choice.

Electric contact heaters are supplied with a shielded ultra-low/high temperature and chemical resistant cable.

The low power consumption can significantly save energy on winterizing a total installation.

Added Value

This option along with options like body enclosures, junction boxes, sunshades and others are part of our total assembly capabilities.

We will fit any brand of instrument onto the appropriate manifold including options and test, tag and ship it to site for "Plug-and-Play" installation by the field contractor.

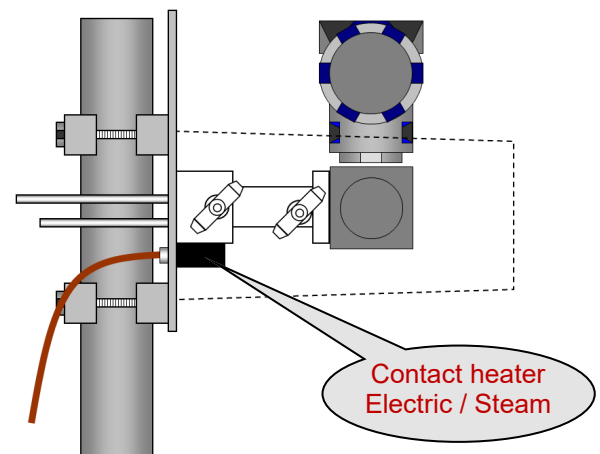
Options

- Steam heater instead of electric element
- Both metric and imperial steam feed port sizes
- Heater Connection box
- Thermostatic manifold process heater control



STEAM CONTACT HEATERS

Heated Manifold Assembly (Example)



Head Office: ☎ +31 (0)183 62 88 88 or ✉ to: instrumentation@multi-instruments.com

US + Canada: ☎ +1 587 269 49 88 or ✉ to: solutions@multi-instruments.com

for additional information: 🌐 www.multi-instruments.com

Model HE / HS

Model selection guide

HE3

Model Description

- **HE2** 20x50x100mm, **48W** / T3 (ATEX)
(Model: EX.MI02.S.T3)
- **HE3** 20x50x100mm, **48W** / T3 (ATEX)
(Model: EX.MI03.S.T3)
- **HE4** 20x50x100mm, **29W** / T4 (ATEX)
(Model: EX.MI04.S.T4)
- **HE5** 20x50x100mm, **29W** / T4 (ATEX)
(Model: EX.MI05.S.T4)


Model Description

- **HE2C** 20x50x100 mm, **48W** / T3 (CSA)
(Model: EX.MI02C.S.T3 CSA US/C)
- **HE3C** 20x50x100 mm, **48W** / T3 (CSA)
(Model: EX.MI03C.S.T3 CSA US/C)
- **HE4C** 20x50x100 mm, **29W** / T4 (CSA)
(Model: EX.MI04C.S.T4 CSA US/C)
- **HE5C** 20x50x100 mm, **29W** / T4 (CSA)
(Model: EX.MI05C.S.T4 CSA US/C)



- EU-TYPE EXAMINATION CERTIFICATE**
- Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- Certificate Number: **Sira 10ATEX1178** Issue: **1**
- Equipment: **Type EX.MI.0x.S... Self Limiting Contact Heater**
- Applicant: **Multi Instruments Manufacturing**
- Address: Calandstraat 85
NL 3125 BA
Schiedam
The Netherlands
- This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- CSA Group Netherlands B.V., Notified Body Number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in the confidential reports listed in Section 14.2.
- Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2009 EN 60079-1:2007
- If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.
- This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.
- The marking of the equipment shall include the following:

 II 2G
Ex d IIC T3 or T4 Gb
Ta = -60°C to +40°C

Project Number 2779

Signed: 
Title: Director of Operations

This certificate and its schedules may only be reproduced in its entirety and without change
CSA Group Netherlands B.V.
Utrechtseweg 310,
6812 AR, Arnhem,
Netherlands

Head Office: ☎ +31 (0)183 62 88 88 or ✉ to: instrumentation@multi-instruments.com

US + Canada: ☎ +1 587 269 49 88 or ✉ to: solutions@multi-instruments.com

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