

CSN[®] Ex flange heater type 95 Ex

DESCRIPTION

Our CSN[®] Ex flange heaters are designed for outputs of up to 21 kW and are ideal for heating liquid and gaseous media. These electric flange heaters are specially designed for use in potentially explosive environments and provide a reliable and efficient heat source. Thanks to their integrated temperature monitoring, you can precisely control the operating temperature and thus ensure a safe working environment.



PRODUCT BENEFITS

- Integrated, externally accessible temperature monitoring
- Heating elements as tubular heating elements or cartridges
- Approval for Zone I and Zone 2I
- Type of protection Ex det
- Approval according to ATEX and IECEx. Further approvals (Peso, CCC, EAC) available

TECHNISCHE DATEN

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| Authorisation | Zone I, Zone 2I |
| Certification | ATEX, IECEx Optional: Peso, CCC, EAC |
| Temperature class | T1 ... T6 |
| Ambient temperature range | Standard -40°C to +40°C |
| Power (kW) | 0.2 to 21 |
| Voltage (V) | up to 1000 |
| Protection class | IP 66 |
| Medium | Liquid and gaseous |
| Process data | Medium, pressure and temperature according to specification |
| Process connection | Flange: EN 1092-1, PN 16, DN 40, DN 50 and DN 65 as standard |
| Heating elements | Tubular radiators |

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| | Cartridge radiators |
| | High-performance cartridge heaters |
| Materials Process connection | Steel; 1.4404 (AISI 316L); 1.4541 (AISI 321); 1.4571 (AISI 316 Ti) |
| Heating element materials | 1.4404 (AISI 316L); 1.4541 (AISI 321); 1.4571 (AISI 316 Ti); 1.4876 (Incoloy 800); 2.4858 (Incoloy 825) |
| Material of connection cover | GGG40.3 (powder-coated) |
| Installation length of heating elements (mm) | 300 - 3500 for tubular radiators, up to 6000 for cartridge radiators |
| Installation position | horizontal vertical on request |
| Temperature monitoring | Temperature controller (standard) Temperature limiter (standard) Optional: PT100, thermocouple |
| Execution | 95F = for liquids 95GB = for gases, Ex zone on heating element 95GN = for gases, no Ex zone on the heating element |
| Customised versions on request | |

