

# CSN<sup>®</sup> Ex flange heater type 80I Ex

## DESCRIPTION

Our CSN<sup>®</sup> Ex flange heater has been developed for impressive outputs of up to 76 kW and is ideal for heating liquid and gaseous media. This heating solution is specially designed for use in potentially explosive environments and offers maximum safety and efficiency. With the integrated temperature monitoring of our electric flange heater, you have full control over the operating temperature to ensure a safe working environment.



## PRODUCT BENEFITS

- Integrated temperature monitoring
- Heating elements as tubular heating elements or cartridges
- Approval for Zone I
- Type of protection Ex de
- PED

## TECHNISCHE DATEN

Authorisation	Zone I
Certification	ATEX Optional: EAC
Temperature class	T1 ... T6
Ambient temperature range	Standard -20°C to +40°C
Power (kW)	0,5 ... 76
Voltage (V)	up to 1000
Protection class	IP 54
Medium	Liquid and gaseous
Process data	Medium, pressure and temperature according to specification
Process connection	Flange: EN 1092-1, PN 16, up to DN 200 as standard
Heating elements	Tubular radiators Cartridge radiators High-performance cartridge heaters
Materials Process connection	Steel, 1.4541, 1.4571, 1.4404

Heating element materials	1.4541, 1.4571, 1.4404, 1.4876, 2.4858
Material of connection cover	Steel (painted)
Installation length of heating elements (mm)	300 - 3500 for tubular radiators, up to 6000 for cartridge radiators
Temperature monitoring	Temperature controller (standard) Temperature limiter (standard) Optional: PT100, thermocouple
Deviations on request	

Flanschheizkörper Typ 80IEX

