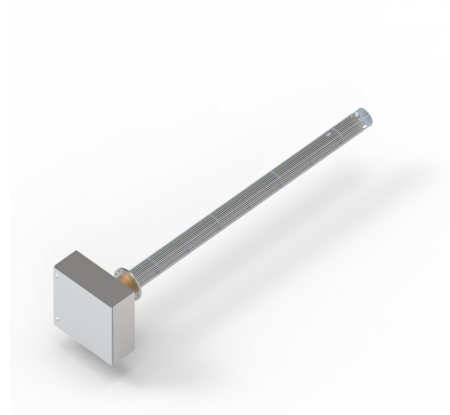


# CSN<sup>®</sup> Ex flange heater type H\_I4Ex

## DESCRIPTION

Our CSN<sup>®</sup> Ex flange heater delivers outputs of up to 2000 kW and is perfect for heating liquid or gaseous media. With integrated temperature monitoring, our electric flange heater not only offers efficient heat transfer, but also maximum safety in potentially explosive areas.



## PRODUCT ADVANTAGES

- Integrated temperature monitoring
- Approval for Zone I and Zone 2I
- Stainless steel connection cover
- Type of protection Ex e
- Approval according to ATEX and IECEx. Further approvals (Peso, EAC) available
- PED

## TECHNISCHE DATEN

Authorisation	Zone I, Zone 2I
Certification	ATEX, IECEx
	Optional: Peso, EAC
Temperature class	T1 ... T6
Ambient temperature range	Standard -20°C to +40°C
Power (kW)	up to 2000
Voltage (V)	up to 1375
Protection class	IP 66
Medium	Liquid and gaseous
Process data	Medium, pressure and temperature according to specification
Process connection	Flanges up to DN 1000
Heating elements	Tubular heating elements
Materials Process connection	Steel, 1.4541, 1.4571, 1.4404, 1.4876, 2.4858
Heating element materials	1.4541, 1.4571, 1.4404, 1.4876, 2.4858
Material of connection cover	1.4301 (standard)

Installation length of heating elements  
(mm)

300 - 3500

Temperature monitoring (version via  
intrinsically safe circuits (Ex i))

PT100 (standard)

Thermocouple (optional)

Temperature controller (optional)

Temperature limiter (optional)

Deviations on request

