SCHNIEWINDT
THE POWER OF ELECTRIFYING IDEAS

CSN® Ex-Space Heater Type Ex ... R
with built-in thermostat

The robust space heater type 700 Ex ... R is used for heating of room air by convection in the Ex-zone 1 or 21.
If there are no special requirements on the accuracy of temperature, these type will be suggested.

Typical fields of applications:

- gas regulator stations
- screening plants of sewage treatment plants
- filling stations for gaseous fuels
- colour storage rooms
- gas tankers
- offshore drilling platforms

Technical data:

Connection chamber: increased safety Ex e and provided by the housing Ex t
Mounting space: flameproof encapsulation Ex d and provided by the housing Ex t
surface temperature: - 40° C ... +40° C
type of current: DC, AC, three-phase
rated voltage: max. 690V
protection mode: IP 66
type of heating elements: exchangeable ceramic heating insert
temperature control: with integrated frost protection thermostate
material: steel varnished, steel varnished-galvanized or stainless steel 1.4301
mounting: supporting feets
label- and cable gland: M20x1,5 - clamping area 5...14mm

alternative designs:
surface temperature: -60°C ... +60°
manufacturing in Ex d (pressure-resistant housing); manufacturing for air duct construction
special dimensions on demand

optional protection grids:
design: type „M“ bevelled; „S“ bent at a right angle
„H“ rounded

temperature class	type 700Ex black varnished type 700Ex black varnished/ galvanized	nominal power 230 Volt wattage	type 700Ex stainless steel	nominal power 230 Volt wattage	total length approx. mm
T1	2100T1	2100	1800T1	1800	1170
T2			250T2	250	650
	630T2	630			
	1530T2	1530	1000T2	1000	1170
			1900T2	1900	1770
T3	280T3	280	170T3	170	650
	420T3	420	260T3	260	760
	910T3	910	580T3	580	1170
	1680T3	1680	1050T3	1050	1770
	2300T3	2300	1480T3	1480	2270
			1880T3	1880	2770
T4	140T4	140	90T4	90	650
	210T4	210	130T4	130	760
	460T4	460	290T4	290	1170
	860T4	860	540T4	540	1770
	1190T4	1190	740T4	740	2270

* 400 V 3~ / other executions on demand

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