

Series H 300 A

600 °C

Analytical heating hose with exchangeable inner cores, which protrude at the ends

Applications:

Maintaining the temperature of probe lines for engine exhaust gases, CO₂ measurements, industrial waste gases, blast furnace waste gases, air measurements, etc.

The core of this heating hose continues without interruption or restriction from the discharge point up to analysis. The heavy-gauge conduit thread cable glands fitted at both ends simplify assembly. This design permits quick on-site replacement of the inner core when inside walls are contaminated.



Operating temperature:	100°C / 200°C / 250°C / 450°C / 600°C
Rated voltage:	230 V AC / DC (other voltage 12 - 500 V)
Rated power:	Watts / metre see page 4
Inner core:	up to 250 °C PTFE or PFA- core over 250 °C stainless steel – core, see page 15 Core 100 mm protruding, without transition
Heating:	heating conductor, according DIN, moisture protected, with safety braid, > 250°C not moisture protected
Thermal insulation:	according to installation temperature, heat stabilised, closed pore silicone foam, respectively felt, elastomer foam
External jacket:	Polyamid black, options page 9
End cap:	Cable screw fitting, bore hole Ø 42 mm DN 4 – 6 bore hole Ø 52 mm DN 8 – 12 bore hole Ø 65 mm DN 16 bore hole
Temperature sensor:	Fe-CuNi type J, NiCr-Ni Typ K, PT100 and integral control system (HTI) are possible
Connecting cable:	3 m
Plug connection:	see schedule page 84
Manufacturing length:	up to 50 m
Protection class:	I

Tolerances:	
Operating temperature:	±10°C

Temperature control using our control equipment, as listed in chapter 6 Temperature Controllers.

Through special features, additional applications are possible.

Diffusion proof when specially requested.

