

## 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, CO<sub>2</sub> 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.

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

<b>Tolerances:</b>	
<b>Operating temperature:</b>	±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.



Heating Hoses

