

## Series H 300

600 °C



### Analytical heating hose with RSL fitting and PTFE basic hose

#### Applications:

Maintaining the temperature of engine exhaust gases, CO<sub>2</sub> measurements, industrial waste gases, blast furnace waste gases, air measurements, environmental measurements, etc.

This heated sampling pipe prevents condensate from being discharged or the temperature from dropping below the dew point, so that no gas components are discharged or lost.

<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>Basic hose:</b>	up to 250 °C PTFE or PFA- core over 250 °C stainless steel – core, see page 15
<b>Fittings:</b>	RSL 1.4571 steel, for cutting ring screw union, 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>	PA- hard cap or elastomer cap
<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 100 m
<b>Protection grade:</b>	IP 54 (EN 60529)
<b>Protection class:</b>	I

#### Tolerances:

<b>Operating temperature:</b>	±10°C
-------------------------------	-------

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

Our heating hose H 300 can also be used in a special version in explosion-endangered areas. All end connection techniques on page 14 are possible.

