

H 600 65 °C / 120 °C / 200 °C

Heating hose with explosion approved heating conductors

As a matter of principle, this heating hose must be operated with a governor / limiter system. Ex-PT 100 allows H600 heating hose to be used with our HT 42 regulator units. However, the regulator must then be installed outside the explosion hazard area.

These specially designed heating hoses can be operated with degree of protection "Special protection" (Ex)s up to the maximum 200°C temperature category T 3.

Operating temperature:	max. 65°C / 120°C / 200°C
Rated voltage:	230 V AC / DC (other voltage 12 - 500 V)
Rated power:	per design
Pressure hose:	PTFE, see page 8
Fittings:	see page 6 - 7
Heating:	heating conductor PTFE insulation, VDE-controlled, constant resistor
Thermal insulation:	heat stabilized, compact porous silicone foam up to 250°C elastomere foam up to 100°C
External jacket:	Metal protective braid or PU - corrugated hose
End cap:	PA- hard cap or elastomer cap
Temperature sensor:	2x PT 100 controller / limiter
Connecting cable:	1.5 m
Plug connection:	none
Manufacturing length:	from 3 to 50 m
Connector sockets:	PTB-license



Also available are Ex-heating hoses with self-limiting tape-type heaters, series HBR.

Designs up to 65°C and 120°C. On these designs, costly explosion control equipment is not required, since these heating hoses are self-limiting.

Explosion protection T 3, T 5, T 6, PTB approval.

Temperature controller HT 42, as listed in chapter 6 Temperature Controllers.

