

## HEATED LINES “STANDARD-TECHNIQUE”

### Type series ELH/a

hose type ELH/a	PTFE inner hose “fixed” ; protuding 500mm on both hose sides
hose type ELH/ad :	PTFE inner hose “fixed” with a steel-wire braiding, RSL-fittings of stainless-steel on both hose sides
hose type ELH/ak :	copper inner hose, protruding 100mm on both sides
hose type ELH/ae :	stainless-steel inner hose protruding 100mm on both hose sides
hose type addition /i :	PTFE carrier hose “fixed” ELH/a ; /ak ; /ae as requested PTFE inner hose, exchangeable as medium-carrying hose protuding on both sides 500mm
connection fitting :	inner hose / hose acc. to the requested nominal diam. <b>ELH/ad</b> : on both sides RSL pipe sockets of stainless-steel <b>Please note that the fitting will cause a narrowing of the hose passage.</b>
Operation temperature :	frost protection ; 100 ; 200 ; 250 <b>A temperature control is necessary for both temperature-maintenance and overheat-protectin.</b>
Heating conductor :	resistance heating conductor with PTFE-insulation and protection braiding, moisture-proof
Heating power :	Watt/m see table
Thermal insulation	fine-porous silicone hose, heat-stabilizing <b>Hose type additional / T</b> : special gleece
Outer protection :	nylon braiding “black”, <b>hose type additional / T</b> : metal corrugated hose with PVC-covering
Power-supply cable :	3 × 1.5mm <sup>2</sup> , cable length 1000mm ; cores de-insulated and provided with end-caps
Temperature sensor :	Thermocouple Fe-CuNi type J ; length of connection cable 1000mm ; cores de-insulated and provided with end-caps
Cable exit :	Via a silicone end-cap with buckling protection and stress-relief
Operation Voltage :	230 V
Quality test :	during manufacture ; high-voltage test with 2000 V

### Tolerance data :

Heating power :	+/- 7%
Diameter :	+/- 10%
lengths in meter :	+/- 2%
Temperature :	+/- 5%

### Special Designs and Extensions

Installation of a stress-relief rope ; coupling interconnections of hoses ; additional installation of air-and rinsing-lines ;  
**Designs for Ex-Areas;**

### Accessories

**Korea EHT** temperature controller and temperature limiter for installation or wall-mounting.