CSN® Cartridge Heater Type 90G

DESCRIPTION

Cartridge heaters are used where direct heating by tubular heaters is not possible or where it is advantageous to be able to replace electric heating elements without first emptying the tank. This version is equipped with a practical swivelling tray to ensure convenient and flexible use. The cartridge heaters act as a heat exchanger with a ceramic heating element or tubular heating element. This heats the cartridge tube, which transfers the generated heat directly to the medium. Thanks to their low surface load, they are particularly suitable for heating low-viscosity oil, hydraulic oil and heat transfer oil up to a maximum temperature of 80°C.

PRODUCT ADVANTAGES

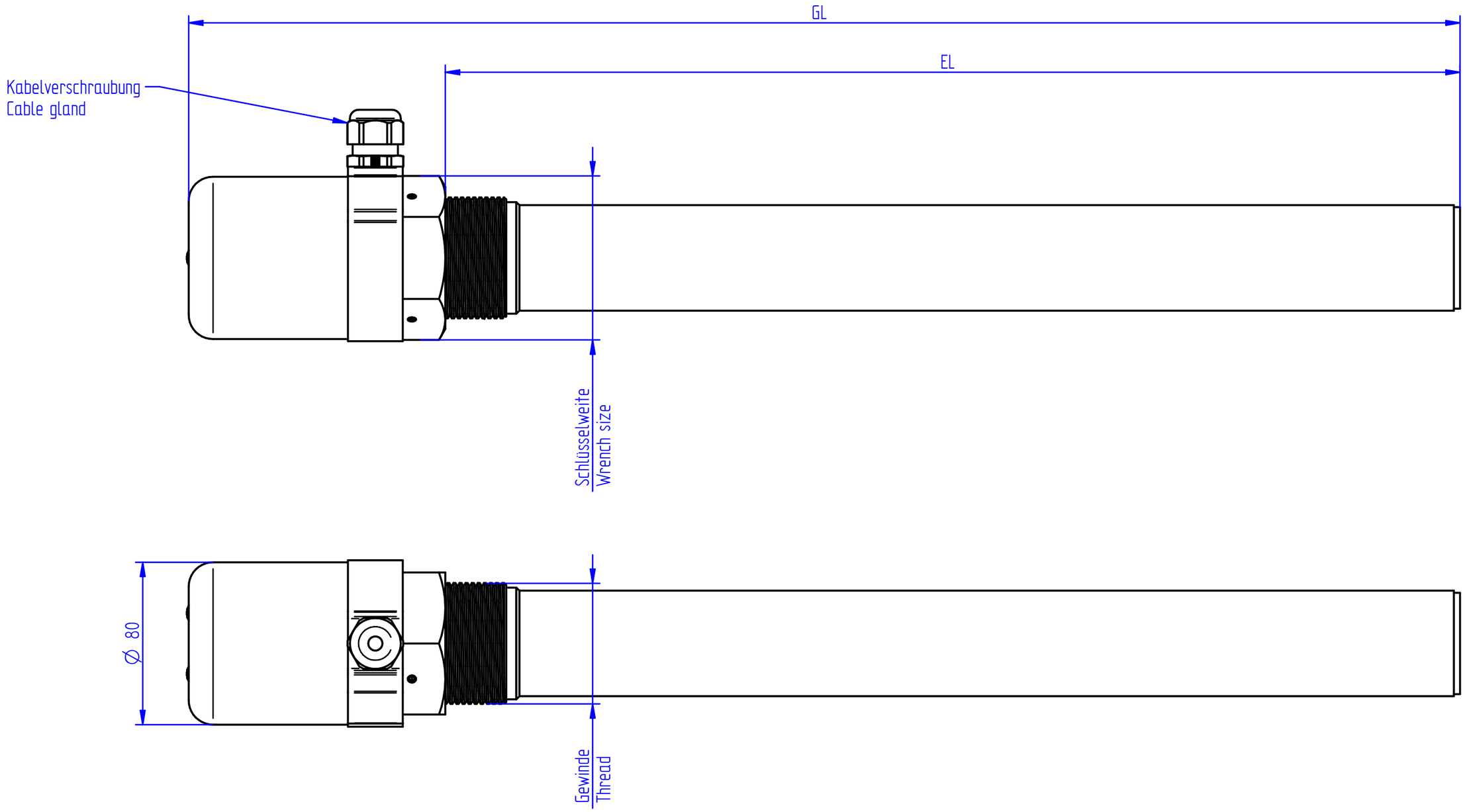
- Certificates such as UL, CSA and EAC available on request
- Heating element can be replaced without emptying the tank
- Design with optimum surface load guarantees a long service life
- Heating element surface is easy to clean (removal of deposits)
- Also available as a vibration-resistant version

TECHNISCHE DATEN

Medium	Water; hydraulic oil; gear oil; oil; thermal oil; diesel/heating oil; AdBlue
Performance	0.2 to 15 kW (max. 0.98 kW for UL)
Tension	110 to 690 V
Connection thread	1 1/2"; G2"; G2 1/2" (for UL always G2")
Material Connection thread	Steel; 1.4541 (AISI 321); 1.4571 (AISI 316 Ti)
Heating insert	Ceramic; tubular heating elements (for UL always tubular heating elements)
Sheath materials	Steel; 1.4541 (AISI 321); 1.4571 (AISI 316 Ti)
Installation length	300 to 6000 mm (max. 600 mm for UL)

Controller	without
Limiter	without
Installation position	Horizontal; (vertical on request)
Operating pressure	0.5 bar g
Operating temperature	80°C

Patronenheizkörper 90G



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