

RockStar® Heat Trace Connector

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	600 V	
	35 A	
	2 poles	

Introduction

RockStar® Heat Trace Connector

The temperature in an oil pipeline system must not fall below a specific limit, even when operating in harsh Arctic conditions, in order to ensure the smooth flow of oil. Pipelines are therefore equipped with heaters which must be connected to each other in a simple, safe and durable manner. Weidmüller has designed a connector with a CSA-approved temperature range from -50 °C to +60 °C. The coaxial design makes it easy to connect the connector elements in any position (360°). The inserts can be wired using the reliable screw connection. A snap closure secures the connection. It can also be easily released using a screwdriver. This provides long-term protection against an accidental opening.

The benefits for you:

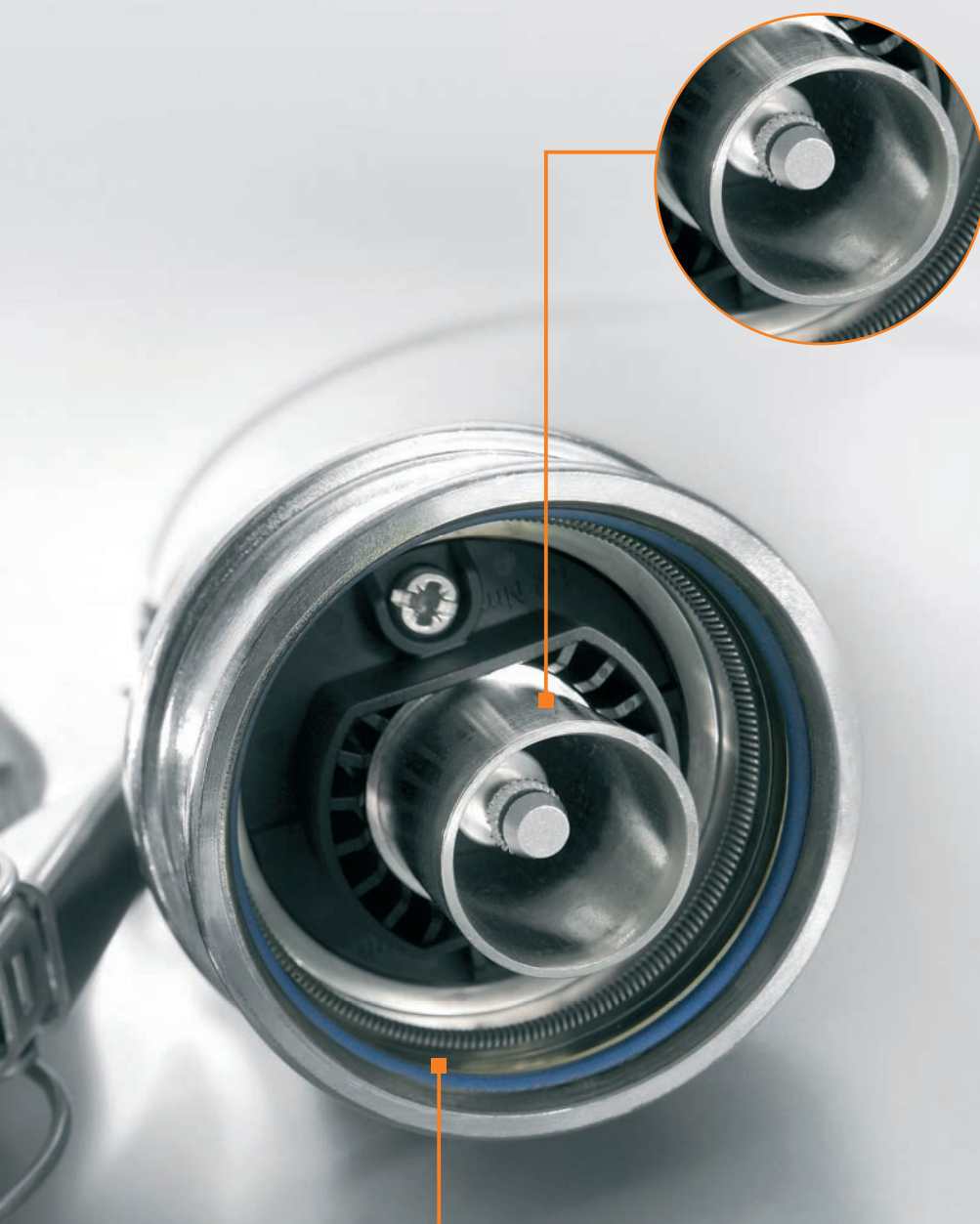
- Two-piece construction helps save you time and money during installation
- Coaxial design for maximum 360° pluggability: can be plugged in without a complex alignment process or rotation
- Caps provide IP67 protection even when unplugged

G



High quality

Housing made from high-grade tin-plated aluminium.

**Sturdy**

Sturdy spiral spring contacts ensure a long-term, reliable electrical connection.

**Colour coded**

Simplified assignment using colour-coded inserts and caps.

Heat Trace Connector – Male and female

Heat Trace Connector

Male and female

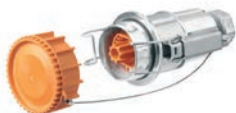
Technical data

Contact inserts

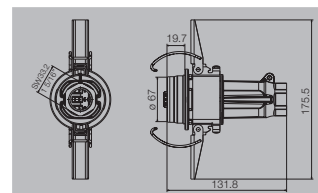
Rated electrical data	
Contacts	2-pole (L1, L2) + PE (earth/ground)
Rating data	35 amps, 600 V AC, 50 Hz / 60 Hz
Conductor	
Harmonised	2.5 mm ² – 10 mm ²
AWG	8 – 14 AWG
Materials, components	
Body	tin-plated aluminium
Contacts	silver-plated brass
Inserts	Polyamide (UL94-V0)
Cover	Polyamide (UL94-V0)
Sealing	FVMQ
Thread shape, cable gland	3/4" NPT-F (internal thread)
Environmental conditions	
Housing classification	Type 6, IP67
Approvals	
CSA	Class 1, Division 2 , Groups A, B, C, D, T6, Tamb –50 °C to +60 °C, Type 6
	Class 1, Zone 2 ; Ex nA, IIC, T6, Tamb –50 °C to +60 °C, IP67
GOSTEx	

Heat Trace Connector

Female



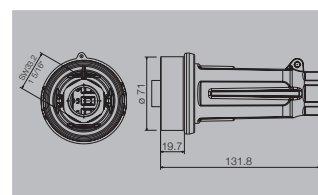
Designation	Type	Order No.
HDC HTC F	3/4" NPT female	1023880000
Caution: special closing mechanism contingent on approval. (screwdriver required) Note: included with delivery: socket housing, socket insert and protective cap with safety cord		



Male



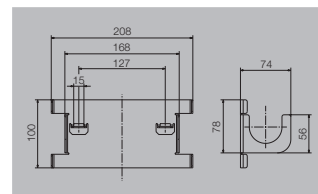
Designation	Type	Order No.
HDC HTC M	3/4" NPT male	1023890000
Note: included with delivery: socket housing, socket insert and protective cap with safety cord		



Mounting frame



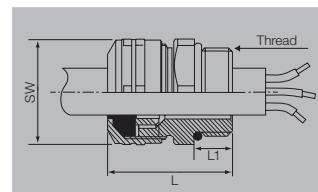
Designation	Type	Order No.
HDC HTC MOUNTING	Mounting frame	1049370000



Cable gland



Designation	Type	Order No.
VG NPT 3/4" Ex-e MS	Ex cable gland	1778150000
Note: Additional Ex fittings and Ex adapters for the Heat Trace connector can be found in Section L		



Accessories

Designation	Type	Order No.
SD 0.8x4.0x100	Slotted screwdriver	9008340000