

RockStar® Heat Trace Connector

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Heat Trace Connector

The new Weidmüller Heat Trace Connector for the process and oil industry

Weidmüller presents the new and innovative Heat Trace Connector for use in the process industry, e.g. heat trace applications within the harsh outdoor environments in the oil industry. Our Heat Trace Connector is designed for applications around oil pipelines, mainly to connect heat trace pipes securely and cost efficient.

Product advantages are:

- IP67 protection class
- Class 1 Div 2 & CSA approvals
- Easy to use and field serviceable
- Coaxial design, 2 poles + PE
- Draw-latch

The Weidmüller Heat Trace Connector is designed to provide a maximum level of customer value:

- Designed to be used in a wide range of ambient temperatures from $-50\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$
- The T6 temperature code allows for diverse fields of application
- Available with two-poles, 14–8 AWG, rated at 35 A, 600 V AC, plus integrated PE (ground)
- Lightweight yet robust, the connector housing is made of aluminum alloy with protective tin-plating
- Conforms to IP67 and type 6 requirements (connected as well as disconnected with cover)
- Coaxial design allow for 360 degrees of mating flexibility (no complicated alignment or rotational movement required during installation)
- Draw-latch on the connector exterior guarantees a secure fit as well as superior holding power
- A real simple, one-man installation that leads to significant time and cost savings



Heat Trace Connector

Male and female



Technical data

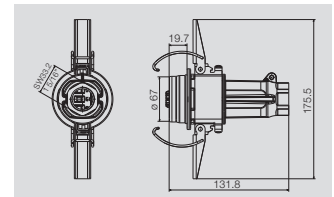
Rated electrical data	
Contacts	2-pole (L1, L2) + PE (earth/ground)
Rating data	35 amps, 600 V AC, 50 Hz / 60 Hz
Conductor	
Harmonized	2.5 mm² – 10 mm²
AWG	8 – 14 AWG
Materials, components	
Body	tin-plated aluminium
Contacts	silver-plated brass
Inserts	Polyamide (UL94-V0)
Cover	Polyamide (UL94-V0)
Sealing	FVMQ
Thread shape, cable gland	3/4" NPT-F (internal thread)
Environmental conditions	
Housing classification	Type 6, IP67
Approvals	
CSA	Class I, 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
GOST / VDE / UL pending	

Heat Trace Connector

Female



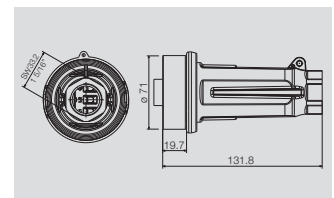
Designation	Type	Order No.
HDC HTC F	3/4" NPT female	1023880000
Caution: special closing mechanism contingent on approval. (screwdriver required) Note: included with delivery: socket housing, socket insert and protective cap with safety cord		



Male



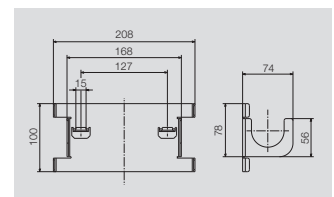
Designation	Type	Order No.
HDC HTC M	3/4" NPT male	1023890000
Note: included with delivery: socket housing, socket insert and protective cap with safety cord		



Mounting frame



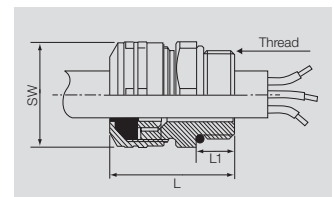
Designation	Type	Order No.
HDC HTC MOUNTING	Mounting frame	1049370000



Cable gland



Designation	Type	Order No.
VG NPT 3/4" Ex-e MS	Ex cable gland	1778150000



Accessories

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

