

381167282	<b>DATA SHEET</b>	
Valid from: 09.07.2025	<b>EPIC® H-K 004.2/4 FAS 14-22</b>	

### Description

- Combination insert Power and Signal
- High power in one connector insert
- Best in combination with ÖLFLEX® SERVO
- Axial-Screw termination



Images may vary

### General Characteristics

Series	H-K 4.2/4
Version	Female
Design Size	10B
Number of Contacts	8 + PE
Number of Power Contacts	4
Number of Signal Contacts	4
Termination Method Power	Axial screw termination: 10-22 mm <sup>2</sup> /AWG 8-4
Termination Method Signal	Cage spring termination: 0.14-2.5 mm <sup>2</sup> /AWG 26-14
Temperature Range	-40°C up to +125°C

### Mechanical Characteristics

Cycle of mechanical operation	≥ 500
Tightening torque power contact screw	4 Nm @ 16 mm <sup>2</sup> 5 Nm @ 22 mm <sup>2</sup>
Stripping length power connection	11-12 mm @ 16 mm <sup>2</sup> 13-14 mm @ 22 mm <sup>2</sup>
Stripping length signal connection	7-9 mm

### Electrical Characteristics

Rated voltage Power, IEC	690 V
Rated Impulse Voltage Power	8 kV
Rated Current Power, IEC	63 A
Contact Resistance Power	≤ 0,5 mΩ
Rated voltage Signal, IEC	250 V
Rated Impulse Voltage Signal	4 kV
Rated Current Signal, IEC	16 A
Contact Resistance Signal	≤ 3 mΩ
Pollution degree Power/Signal	3

### Materials and Surfaces

Contacts	Copper alloy, hard-silver plated
Insulating Body	PC
Flammability Class according to UL 94	V-0

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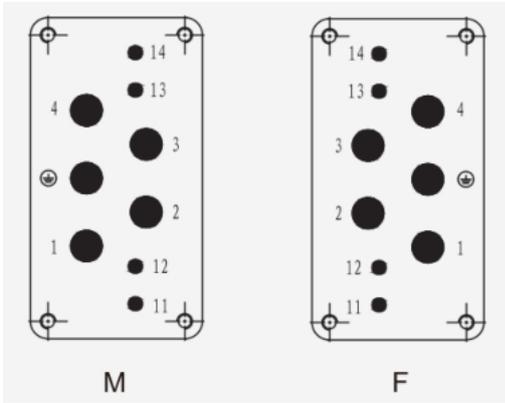
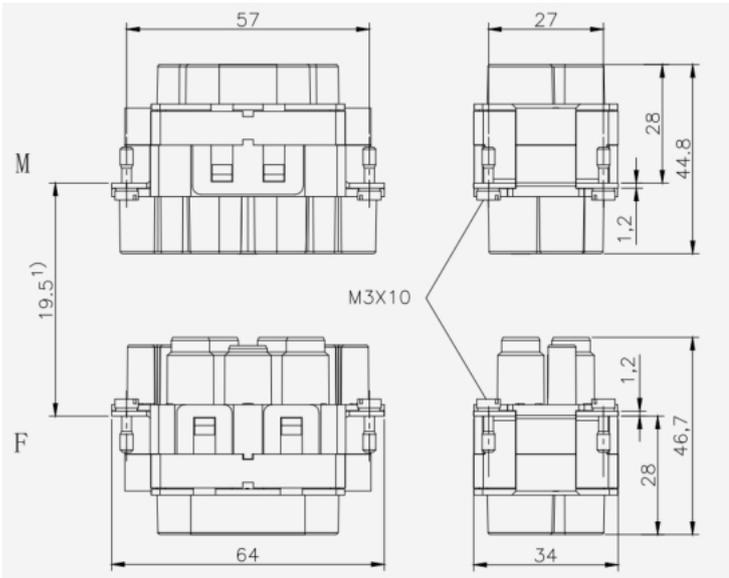
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**Standard**

Safety Standard

IEC 61984, IEC 60664-1

**Technical Drawings**



Pin assignment

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Industrial machinery and plant engineering



Temperature-resistant



Wind Energy

**Info**

Combination Insert Power

**Application range**

- Plant engineering
- Renewable energy
- Control engineering

**Remark**

Photographs are not to scale and do not represent detailed images of the respective products.

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