



## Mould connection cable

### Robust and long-lasting – typical Fiege

Our mould connection cables are like loyal employees: You will reap their benefits for a long time. Whether pre-assembled or as bulk stock, heating, sensor or combination cable – our products designed specifically for machinery and plant engineering stand out for their robustness, longevity, flexibility and are largely oil and chemical resistant.

#### The main features in brief:

- ✓ Specifically for industrial applications
- ✓ We can supply over 200 different standards
- ✓ Client-specific manufacturing
- ✓ Pre-assembled or as bulk stock
- ✓ Suitable for dry or humid rooms

#### Heating cable

##### Wires:

Fine strand wire, black with white numeral print + gn/ge (PE), according to DIN VDE 0295 class 5/IEC 228 C15

##### Coat:

PVC grey

##### Temperature range:

Movable: +5...+70 °C,  
Securely installed: -30...+80 °C

##### Nominal voltage U<sub>0</sub>/U:

300/500 V

##### Test voltage:

4.000 V

##### Insulation resistance:

> 20 GΩ

##### Approbation:

VDE-Reg.-No. 7030

#### Bulk Stock

Leads/Cross Section mm <sup>2</sup>	ø mm	Zones	Item No.
18 x 1.5	14.4	8	80-00-08
25 x 1.5	16.9	12	80-00-12
34 x 1.5	19.5	16	80-00-16

#### Pre-assembled to customer's requirements

Designation	Zones	Connector*	Item No.
HK x - 8	8	16-polig	80-xx-08
HK x - 12	12	24-polig	80-xx-12
HK x - 16	16	32-polig	80-xx-16

## Thermocouple cable

**Designation:**

Thermo element/compensation cable Fe/CuNi type J

**Coat:**

PVC black

**Limited deviation:**

DIN 43714 acc. to class 2

**Wires:**

Paired fine strand wire made from speciality materials, 0.5mm<sup>2</sup> black +/white -, PVC-insulated, numbered in pairs, according to DIN IEC 584 or DIN 43713 E

**Temperature range:**

Movable: +5...+70 °C,  
Securely installed: -30...+80 °C

### Bulk Stock

Leads/Cross Section mm <sup>2</sup>	ø mm	Zones	Item No.
8 x 2 x 0,5	11	8	81-00-08
12 x 2 x 0,5	13	12	81-00-12
16 x 2 x 0,5	15	16	81-00-16

### Pre-assembled to customer's requirements

Designation	Zones	Connector*	Item No.
FK x - 8	8	16-polig	81-xx-08
FK x - 12	12	24-polig	81-xx-12
FK x - 16	16	32-polig	81-xx-16

## Combination cable

**Special cable for thermocouple and heating in one cable****Thermocouples:**

In the inner position, paired fine litz wires made from speciality materials, 0.5mm<sup>2</sup> black +/white-, PVC-insulated, numbered in pairs,

**Power lines:**

fine strand wires, 1.5mm<sup>2</sup> black with white numeral print + y/g (GND)

**Coat:**

PVC black

**Temperature range:**

Movable: +5...+70 °C,  
Securely installed: -30...+80 °C

### Bulk Stock

Leads/Cross Section mm <sup>2</sup>	ø mm	Zones	Item No.
KK2	13	2	82-00-02
KK4	14	4	82-00-04
KK6	16	6	82-00-06

### Pre-assembled to customer's requirements

Designation	Zones	Connector*	Item No.
KK x - 2	2	10-polig	82-xx-02
KK x - 4	4	16-polig	82-xx-04
KK x - 6	6	24-polig	82-xx-06

\* Connector type and connector pin assignment are customer-specific and are specified separately.  
See „specification mould connection cable“



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Do you have any questions about our products?

Our service advisors will be happy to help.