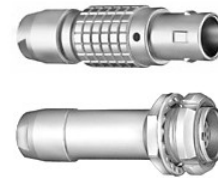


- Selector guide
- Other type of thermocouple on demand

CONNECTORS

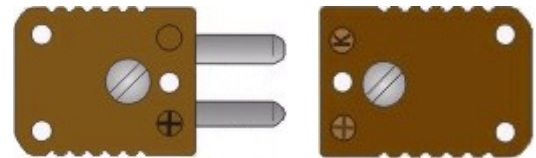
Straight plug and Fixed socket

| Signal | Pin | Type | Product |
|-------------------------|--------|---------------|---------|
| Heat flux | 2 pins | Straight plug | 2.C |
| | | Fixed socket | 2.D |
| Thermocouple and Sensor | 3 pins | Straight plug | 2.E |
| | | Fixed socket | 2.F |
| Active sensor | 7 pins | Straight plug | 2.G |
| | | Fixed socket | 2.H |



Normalised thermocouple connectors

| Property | Type | Product | |
|----------|---------------|---------|----------|
| | | Mini | Standard |
| Design | Male plug | 2.J._ | 2.L._ |
| | Female socket | 2.K._ | 2.M._ |
| Signal | Heat flux | 2._.F | |
| | Type T | 2._.T | |
| | Type K | 2._.K | |
| | Type J | 2._.J | |



Maximum temperature 200° C.

Dual standard connector

| Property | Type | Product |
|----------|---------------|----------|
| | | Standard |
| Design | Male plug | 2.N._ |
| | Female socket | 2.O._ |
| Signal | Type T | 2._.T |
| | Type K | 2._.K |
| | Type J | 2._.J |



Maximum temperature 200° C.

Porcelain terminal

| Signal | Pin | Product |
|---------------|--------|---------|
| Sensor | 4 pins | 2.P |
| Active sensor | 6 pins | 2.Q |



Fixed coupler (obsolete)

| Signal | Pin | Type | Product |
|-------------------------|--------|-----------------------------|---------|
| Heat flux | 2 pins | Fixed coupler female-female | 2.80 |
| Thermocouple and Sensor | 3 pins | Fixed coupler female-female | 2.81 |



Cap for socket

| Size | Designed for | Product |
|------|--------------|---------|
| 0B | 2.D and 2.F | 2.90 |
| 1B | 2.H | 2.91 |



CONNECTORS CARATERISTICS

OVERVIEW

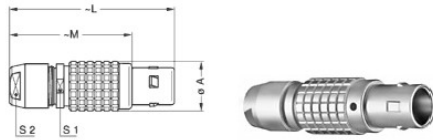
| | |
|-------------------|-----------------|
| Insulation | PEEK |
| Temperature range | -55°C to +250°C |
| Housing material | Brass |

MECHANICAL DETAILS

Straight Plug 2 and 3 pins

FGG.0B.302.CLAD__* (Heat flux)

FGG.0B.303.CLAD__* (Thermocouple and Sensor)



Dimensions

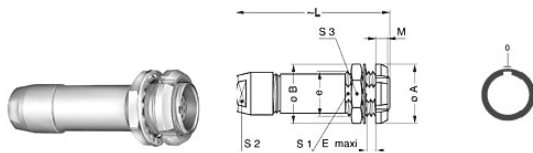
| | A | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 9,5 | 36,0 | 26,0 | 8,0 | 7,0 |
| in. | 0,37 | 1,42 | 1,02 | 0,31 | 0,28 |

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Fixed Socket 2 and 3 pins

PFG.0B.302.CLLD__* (Heat flux)

PFG.0B.303.CLLD__* (Thermocouple and Sensor)



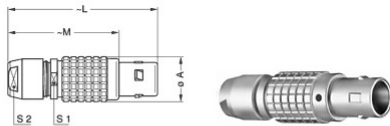
Dimensions

| | A | B | E | L | M | S1 | S2 | S3 | Thread |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 12 | 12,5 | 5 | 35,5 | 2,5 | 8,2 | 7 | 11 | M9x0,6 |
| in. | 0,47 | 0,49 | 0,20 | 1,40 | 0,10 | 0,32 | 0,28 | 0,43 | |

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Straight Plug 7 pins

FGG.1B.307.CLAD__* (Active sensor)



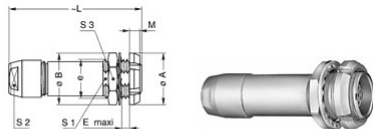
Dimensions

| | Diameter (A) | Length (L) | Height (H) | Thread |
|-----|--------------|------------|------------|--------|
| mm | 12,0 | 43,0 | 0,0 | - |
| in. | 0,47 | 1,69 | 0,0 | |

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Fixed Socket 7 pins

PFG.1B.307.CLLD__* (Active sensor)

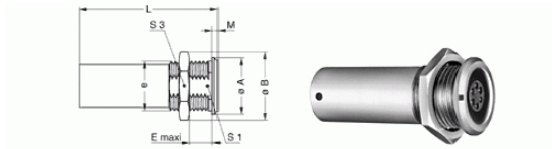


Dimensions

| | Diameter (A) | Length (L) | Height (H) | Thread |
|-----|--------------|------------|------------|---------|
| mm | 16,0 | 40,5 | 0,0 | M12x1,0 |
| in. | 0,63 | 1,59 | 0,0 | |

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Fixed Coupler
RGG.0B.302.CLM (Heat flux)

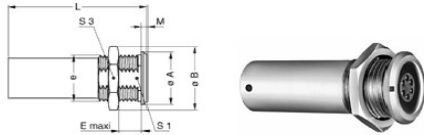


Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|------|------|----------|------|------|------|------|------|
| mm. | 12.0 | 13.8 | M10x0.75 | 8.0 | 34.0 | 2.0 | 9.0 | 12.0 |
| in. | 0.47 | 0.54 | - | 0.31 | 1.34 | 0.08 | 0.35 | 0.47 |

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RGG.0B.303.CLM (Thermocouple and Sensor)



Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|------|------|----------|------|------|------|------|------|
| mm. | 12.0 | 13.8 | M10x0.75 | 8.0 | 43.0 | 2.0 | 9.0 | 12.0 |
| in. | 0.47 | 0.54 | - | 0.31 | 1.69 | 0.08 | 0.35 | 0.47 |

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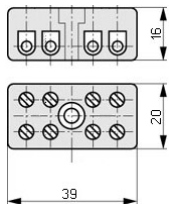
Cable collets

- Collets size depend of wire size.

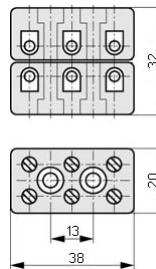
| Cable type | Description | Collets size |
|------------|-----------------|--------------|
| A | Heat flux Fine | 21 |
| E | Sensor Standard | 31 |
| M | Active sensor | 42 |

PORCELAIN TERMINAL

4 PINS



6 PINS



Pictures don't show the right number of pins.

TFX SA reserves the right to change the circuitry and specifications without notice at any time.