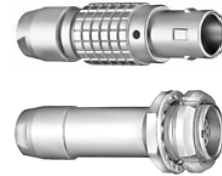


- **Selector guide**
- Other type of thermocouple on demand

CONNECTORS

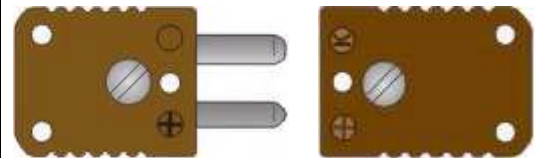
Straight plug and Fixed socket

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

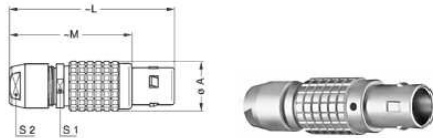
Insulation	PEEK
Temperature range	-55°C to +250°C
Housing material	Brass

MECHANICAL DETAILS

Straight Plug 2 and 3 pins

FGG.0B.302.CLAD (Heat flux)

FGG.0B.303.CLAD (Thermocouple and Sensor)



Dimensions

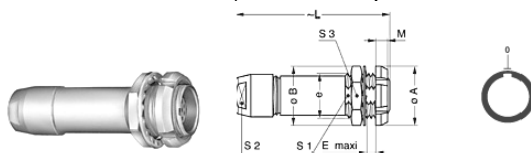
	A	L	M	S1	S2
mm.	9.5	36.0	26.0	8.0	7.0
in.	0.37	1.42	1.02	0.31	0.28

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Fixed Socket 2 and 3 pins

PFG.0B.302.CLLD31 (Heat flux)

PFG.0B.303.CLLD31 (Thermocouple and Sensor)



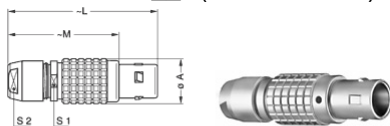
Dimensions

	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)



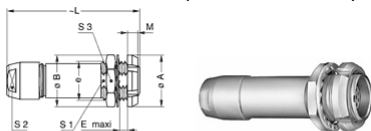
Dimensions

	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)



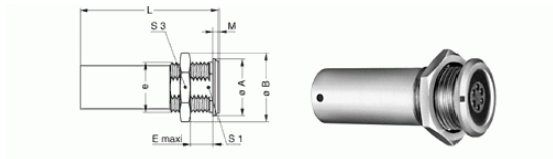
Dimensions

	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)

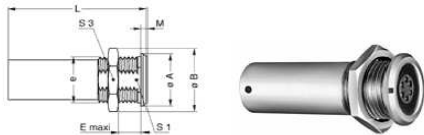


Dimensions

	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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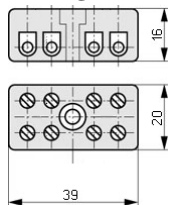
Cable collets

- Collets size depend of wire size.

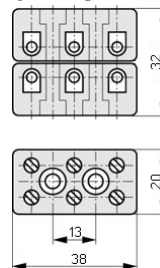
Cable type	Collets size
Heat flux Fine	21
Heat flux Standard	31
Type T (with heat shrink insulation)	31
Type K	42 or 52
Sensor Standard	31

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.