

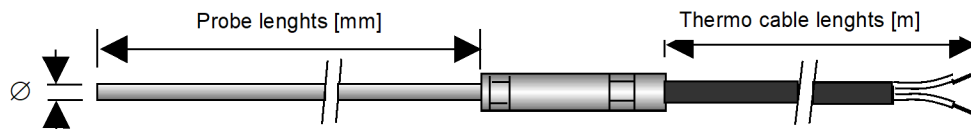
Thermocouple customized (DIN EN60584)

Sheath material (ThermSys standard fat printed)	VA=AISI 304L	VA4=AISI 321	I=Inconel600	PR= Platin Rhodium 90/10	Further on request
Hot junction design	IM= isolated to sheath	DM= not isolated to sheath	VIM= swaged isolated to sheath	VDM= swaged not isolated to sheath	
			behind VIM or VDM; <Ø swaged part in mm>-<Lengths of swaged part in mm>		

Thermocouple with transition sleeve on thermo or compensation cable (Type C-D-...)

**Encoding scheme for requests and orders**  
 C - D - J - VA4 - 1,5 - 180 - IM - DS-5,0 - 2-J-T-3,2 - 3,7m

**Example:**  
 Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, insulated hot junction, transition sleeve DS-5,0 on FEP / PTFE insulated thermo cable, 3,7m long



C - D - J - VA4 - 1,5 - 180 - IM - D-5,0 - 2-J-T-3,2 - 3,7m

Fixed	Fixed	Type	Sheath material	Ø [mm]	Probe lengths [mm]	Hot junction type	Transition sleeve	Thermo cable	Cable lengths m	connector
		K	I	0,25	customized	IM		2-K-T-3,2	customized	empty = free open end
		J		0,34		DM	D-2,5	2-J-T-3,2		FM
		N	VA					2-N-T-3,2		FF
		T	VA4	0,5		VIM	D-4,0	on request		RM
		E		1,0		VDM	D-5,0	on request		RF
		S		1,5			DS-5,0	on request		OF
		R		2,0			DS-6,0	on request		OM
		B	PR	3,0				on request		KFM
										KFF
Further sheath materials on request										

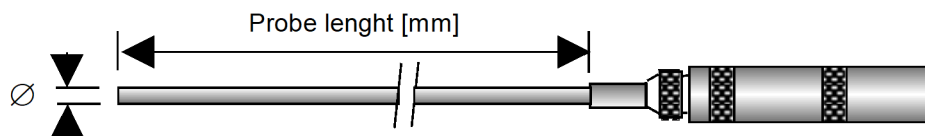
Transition sleeve	D-2,5	D-4,0	D-5,0	DS-5,0	DS-6,0	Further types on request
	Ø 2,5mm x L 15mm, brass for thermocouples until Ø 0,5mm	Ø 4mm x L 25mm, brass for thermocouples until Ø 2,0mm	Ø 5mm x L 40mm, brass for thermocouples until Ø 3,0mm	Ø 5mm x L 40mm, stainless steel for thermocouples until Ø 3,0mm	Ø 6mm x L 40mm, stainless steel for thermocouples until Ø 3,0mm	
Connectors	FM	FF	KFM	KFF	RM	RF
	Miniature thermocouple plug	Miniature thermocouple connector	Ceramic FM	Ceramic FF	Standard thermocouple plug	Standard thermocouple connector

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Hot junction design	IM= isolated to sheath	DM= not isolated to sheath	VIM= swaged isolated to sheath	VDM= swaged not isolated to sheath	
			behind VIM or VDM; <math>\varnothing</math> swaged part in mm>-<Lengths of swaged part in mm>		

Thermocouple with Lemo plug / connector (Type C-L-...)

Encoding scheme for requests and orders	C - L - J - VA4 - 1,5 - 180 - IM - OF-M
Example:	Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, Lemo connector size 0, poling Lemo pin minus



C	-	L	-	K	-	I	-	2	-	370	-	IM	-	OF	-	M	
Fixed		Fixed		Type		Sheath material		$\varnothing$ [mm]		Probe length [mm]		Hot junction		Plug / connector		Pooling on pin	
				K		I		0,25		Frei		IM		OF		P (+)	
				J				0,34				DM		OM			M (-)
				N		VA								OFEB			
				T		VA4		0,5				VIM					
				E				1				VDM		OEF			
				S				1,5						OEM			
				R				2									
				B		PR		3							1F		
														1M			
						Further sheath materials on request							others on request				

Connectors	OF	OM	OFEB	1F	1M	OEF	OEM
	Lemo connector, series S, size 0	Lemo plug, series S, size 0	Lemo panel jack connector, series S,	Lemo connector, series S, size 1	Lemo plug, series S, size 1	Lemo connector, water tight, size 0	Lemo plug, water tight, size 0

Thermocouple customized (DIN EN60584)

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Hot junction design	IM= isolated to sheath	DM= not isolated to sheath	VIM= swaged isolated to sheath	VDM= swaged not isolated to sheath	
			behind VIM or VDM; <math>\varnothing</math> swaged part in mm>-<math>\varnothing</math> Lengths of swaged part in mm>		

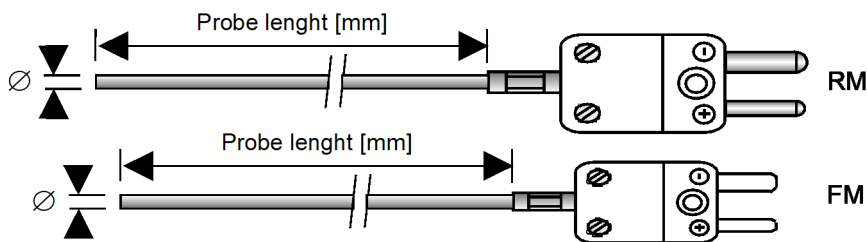
Thermocouple with Lemo plug / connector (Type C-F-...)

Encoding scheme for requests and orders

C - F - J - VA4 - 1,5 - 180 - IM - FM

Example:

Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, miniature thermocouple plug



C	-	F	-	K	-	I	-	1,5	-	550	-	IM	-	FM	
Fixed		Fixed		Type		Sheath material		$\varnothing$ [mm]		Probe length [mm]		Hot junction		Thermocouple connector	
				K		I		0,25		Frei		IM		FM	
				J				0,34					DM		FF
				N		VA									
				T		VA4		0,5					VIM		KFM
				E				1					VDM		KFF
				S				1,5							
				R				2							RM
				B		PR		3							RF
Further sheath material on request															

Connectors	FM	FF	KFM	KFF	RM	RF
	Miniature thermocouple plug	Miniature thermocouple connector	Ceramic FM	Ceramic FF	Standard thermocouple plug	Standard thermocouple connector

Thermocouple customized (DIN EN60584)

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Hot junction design	IM= isolated to sheath	DM= not isolated to sheath	VIM= swaged isolated to sheath	VDM= swaged not isolated to sheath	
			behind VIM or VDM; <∅ swaged part in mm>-<Lengths of swaged part in mm>		

Thermocouple with open ends / free ends (Type C-O-...)

Encoding scheme for requests and orders	C - O - J - VA4 - 1,5 - 180 - IM - FM
Example:	Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, open ends/free ends



C	-	O	-	J	-	VA4	-	1,5	-	180	-	IM	-	FDE	
Fixed		Fixed		Type		Sheath material		∅ [mm]		Probe length [mm]		Hot junction		Assembly	
				K		I		0,25		Frei		IM		FDE (free tight ends)	
				J				0,34					DM		
				N		VA									
				T		VA4		0,5					VIM		
				E				1					VDM		
				S				1,5							
				R				2							
				B		PR		3							
Further sheath materials on request															