

Thermocouple customized (DIN EN60584)

Sheath material	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; <math>\varnothing</math> swaged part in mm>-<math>\varnothing</math>Lengths of swaged part in mm>		

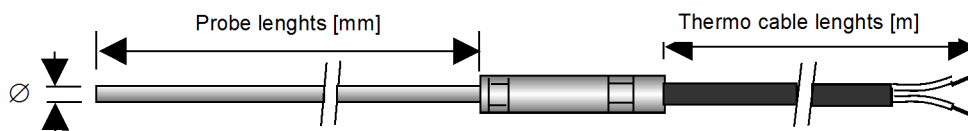
Thermocouple with transition sleeve on thermo or compensation cable (Type C-D-...)

Encoding scheme for requests and orders

C - D - J - VA4 - 1,5 - 180 - IM - D-5,0 - 2JT32 - 3,7m

Example:

Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, transition sleeve D40 on FEP / PTFE isolated thermo cable, 3,7m long



C - D - J - VA4 - 1,5 - 180 - DM - D-5,0 - 2JT32 - 3,7

Fixe d	Fixe d	Type	Sheath material	$\varnothing$ [mm]	Probe lengths [mm]	Hot junction type	Transition sleeve	Thermo cable	Cable lengths m	connector
		K	I	0,25	customized	IM		2-K-T-32	customized	empty = free open end
		J		0,34		DM	D-2,5	2-J-T-32		FM
		N	VA					2-N-T-32		FF
		T	VA4	0,5		VIM	D-4,0	2-T-T-35		RM
		E		1,0		VDM	D-5,0	2-E-T-35		RF
		S		1,5			DS-5,0			OF
		R		2,0			DS-6,0	2-S-T-35		OM
		B	PR	3,0				2-B-T-35		KFM
										KFF
Further sheath materials on request							Standard grey colored			

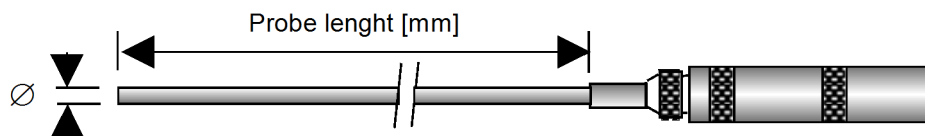
Transition sleeve	D-2,5	D-4,0	D-5,0	DS-5,0	DS-6,0	Further types on request
	$\varnothing$ 2,5mm x L 15mm, brass for thermocouples until $\varnothing$ 0,5mm	$\varnothing$ 4mm x L 25mm brass for thermocouples until $\varnothing$ 2,0mm	$\varnothing$ 5mm x L 40mm brass for thermocouples until $\varnothing$ 3,0mm	$\varnothing$ 5mm x L 40mm stainless steel for thermocouples until $\varnothing$ 3,0mm	$\varnothing$ 6mm x L 40mm stainless steel for thermocouples until $\varnothing$ 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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			behind VIM or VDM; <math>\varnothing</math> swaged part in mm>-<math>\langle</math>Lengths of swaged part in mm>		

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

<p>Encoding scheme for requests and orders</p> <p style="text-align: center;">C - L - J - VA4 - 1,5 - 180 - IM - OF-M</p> <p>Example: Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, Lemo connector size 0, pooling Lemo pin minus</p>
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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																	

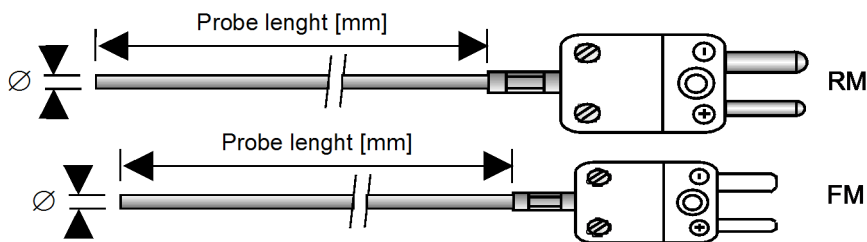
Connectors	OF	OM	OFEB	1F	1M	OEF	OEM
	Lemo connector, series S, size 0	Lemo plug, series S, size 0	Lemo panel jack connector, series S,	Lemo connector, series S, size 1	Lemo plug, series S, size 1	Lemo connector, water tight, size 0	Lemo plug, water tight, size 0

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

<p>Encoding scheme for requests and orders</p> <p style="text-align: center;">C - F - J - VA4 - 1,5 - 180 - IM - FM</p> <p>Example: Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, miniature thermocouple plug</p>
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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

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

<p>Encoding scheme for requests and orders</p> <p style="text-align: center;">C - O - J - VA4 - 1,5 - 180 - IM - FM</p> <p>Example: Customized, direct connection, Type J, stainless steel AISI 321 sheath, d=1,5mm, 180mm long, non isolated hot junction, open ends/free ends</p>
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C	-	O	-	J	-	VA4	-	1,5	-	180	-	IM	-	FDE
Fixed		Fixed		Type		Sheath material		$\varnothing$ [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														