

COMPENSATING AND EXTENSION CABLES

Compensating and Extension Cables for the automotive industry

SAB item no.	Picture	Cable type	T/C type	Insu- lation	Section	Cond.	Form	Outer-Ø	Temp.-range of insulation	thermoelectric voltage
fibre-glass insulated thermo-cables (wire)										
0489-9002		thermo cable	type K	GL/GL	2 x 0,2 mm	wire	oval	approx. 0,8 x 1,3 mm	flexible: -25°C upto +200°C fixed: -25°C upto +200°C	DIN IEC 584 class 1, tolerance +/- 1,5°C
0489-2144		thermocouple- cable	type K	GL/GL	2 x 0,5 mm	wire	oval	approx. 1,9 x 1,1 mm	flexible: -40°C upto +250°C fixed: -40°C upto +250°C	DIN IEC 584 class 1
0489-9003		thermo- cable	type K	GL/GL	2 x 0,8 mm	wire	oval	approx. 2,5 x 1,4 mm	flexible: -25°C upto +200°C fixed: -25°C upto +200°C	DIN IEC 584 class 1
0490-9016		thermo- couple- cable	type K	GL/GL	2 x 0,5 mm	wire	oval	approx. 2,0 x 1,2 mm	flexible: max. +400°C fixed: max. +400°C	DIN IEC 584 class 1
polyimide insulated thermo-cables (wire)										
0433-9138		thermo- couple- cable	type K	KN- polyimide KP-blank/ polyimide	2 x 0,2 mm	wire	oval	approx. 0,9 x 0,5 mm	flexible: -40°C upto +250°C fixed: -40°C upto +250°C	DIN IEC 584 class 1, tolerance +/- 1,5°C
0433-9186		thermo- couple- cable	type K	KN- polyimide KP-blank/ polyimide	2 x 0,2 mm	wire	oval	approx. 0,7 x 0,5 mm	flexible: -40°C upto +250°C fixed: -40°C upto +250°C	DIN IEC 584 class 1, tolerance +/- 1,5°C
0433-9149		thermo- couple- cable	type K	polyimide + PTFE/ polyimide	2 x 0,3 mm	wire	oval	approx. 0,9 x 1,7 mm	flexible: -40°C upto +250°C fixed: -40°C upto +250°C	DIN IEC 584 class 1, tolerance +/- 1,5°C
0433-9168		thermo- couple- cable	type K	KN- polyimide KP-PTFE/ polyimide	2 x 0,2 mm	wire	oval	approx. 1,0 x 0,8 mm	flexible: -40°C upto +250°C fixed: -40°C upto +250°C	DIN IEC 584 class 1
polyimide/PFA insulated thermo-cables (wire)										
0433-9196		thermo- couple- cable	type K	KN- polyimide KP blank/ polyimide/ PFA	2 x 0,2 mm	wire	round	max. 1,0 mm	flexible: -40°C upto +250°C fixed: -40°C upto +250°C	DIN IEC 584 class 1
FEP insulated thermo-cables (wire)										
0433-9152		thermo- couple- cable	type K	FEP/FEP	2 x 0,2 mm	wire	oval	approx. 1,7 x 1,1 mm	flexible: -40°C upto +180°C fixed: -40°C upto +180°C	DIN IEC 584 class 1
TPE insulated thermo-cable (strands)										
0433-9177		thermo- couple- cable	type K	TPE/TPE	2 x 0,2 mm²	strands	round	approx. 3,0 mm	flexible: -40°C upto +90°C fixed: -40°C upto +90°C	DIN IEC 584 class 1
FEP/Besilen® insulated thermo-cables (strands)										
0433-9193		thermo- cable	type K	FEP/FEP/ Bi	2 x 0,2 mm²	strands	round	approx. 3,8 mm	flexible: -25°C upto +180°C fixed: -40°C upto +180°C	DIN IEC 584 class 2

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FEP/Besilen® connection cables for resistance thermometers (strands)										
0470-9224		connection cable	tinned copper strands copper figure: 2,7 kg/km	FEP/Bi	2 x 0,14 mm ²	strands	round	approx. 2,8 mm	flexible: -25°C upto +180°C fixed: -40°C upto +180°C	
0470-0423		connection cable	tinned copper strands copper figure: 8,4 kg/km	FEP/Bi	4 x 0,22 mm ²	strands	round	approx. 3,9 mm	flexible: -25°C upto +180°C fixed: -40°C upto +180°C	
3833-9132		connection cable	tinned copper strands copper figure: 19,3 kg/km	FEP/C/ FEP	4 x 0,22 mm ²	strands	round	approx. 3,0 mm	flexible: -55°C upto +180°C fixed: -90°C upto +180°C	
FEP insulated thermo-cables (strands)										
0433-9157		thermo- cable	type K	FEP/FEP	2 x 0,22 mm ²	strands	oval	approx. 2,5 x 1,5 mm	flexible: -25°C upto +180°C fixed: -25°C upto +180°C	DIN IEC 584, tolerance +/- 1°C
0433-9137		thermo- cable	type K	FEP/FEP	2 x 0,22 mm ²	strands	round	approx. 2,0 mm	flexible: -25°C upto +180°C fixed: -25°C upto +180°C	DIN IEC 584, tolerance +/- 1°C
0433-9154		thermo- cable	type K	FEP/FEP	8 x 2 x 0,22 mm ²	strands	round	approx. 6,4 mm	flexible: -25°C upto +180°C fixed: -25°C upto +180°C	DIN IEC 584 class 2
0433-9135		thermo- cable	type K	FEP/FEP	16 x 2 x 0,22 mm ² twisted pairs	strands	round	approx. 7,7 mm	flexible: -25°C upto +180°C fixed: -25°C upto +180°C	DIN IEC 584 class 2
0435-9085		thermo- couple- cable	type K	FEP-F-ZF- D(B)- FEP/F-C (B)-FEP	8 x (2 x 0,5 mm)D	strands	round	approx. 11,0 mm	flexible: -55°C upto +180°C fixed: -90°C upto +180°C	DIN IEC 584 class 1
FEP insulated thermo-cables with screening (strands)										
0435-9037		thermo- cable	type K	FEP/C/ FEP	2 x 0,22 mm ²	strands	round	approx. 2,6 mm	flexible: -25°C upto +180°C fixed: -25°C upto +180°C	DIN IEC 584, tolerance +/- 1,5°C
Besilen® insulated thermo-cables (strands)										
0451-9019		thermo- cable	type K	GL/ Silicone	2 x 0,22 mm ²	strands	round	approx. 3,2 mm	flexible: -25°C upto +200°C fixed: -25°C upto +200°C	DIN IEC 584 class 1