

# Compensating and extension cables

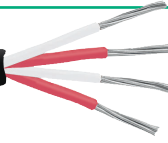


## RTD sensor cable

connection cables for RTD



BRÜCKSKES · D-VIERSEN · RTD sensor cable 180 TW 4x26/7 AWG 3820-0043

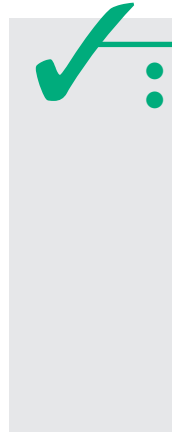


Marking for RTD sensor cable 180 TW 3820-0043:

SAB BRÜCKSKES · D-VIERSEN · RTD sensor cable 180 TW 4x26/7 AWG 3820-0043

### Technical data:

<b>Peak operating voltage:</b>	48 V		
<b>Testing voltage:</b>	core/core	600 V	
	core/screen	600 V	
<b>Min. bending radius</b>			
<i>fixed laying:</i>	5 x d		
<i>flexible application:</i>	10 x d		
<b>Temperature range</b>	<b>180 flex</b>	<b>180 C flex</b>	<b>180 highflex</b>
	<b>180 C highflex</b>	<b>180 TW</b>	<b>250 TW</b>
	<b>180 C highflex</b>	<b>180 C TW</b>	<b>250 C TW</b>
<i>fixed laying:</i>	-40/+180 °C	-90/+180 °C	-90/+250 °C
<i>flexible application:</i>	-25/+180 °C	-55/+180 °C	-55/+250 °C
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see chapter N „Technical Data“		



### Outstanding features:

- high temperature resistant
- small diameter

type item no.	no. of cores x cross section	conductor	insulation	colour code	screen	sheath material	sheath colour	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
<b>RTD sensor cable 180 TW</b>										
38200023	2 x 26/7 AWG	tinned copper	FEP	● ○		FEP		1,9	2,8	6,1
38200033	3 x 26/7 AWG	tinned copper	FEP	● ● ○		FEP		2,0	4,2	8,0
38200043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○		FEP		2,2	5,6	10,1
<b>RTD sensor cable 180 C TW</b>										
38201023	2 x 26/7 AWG	tinned copper	FEP	● ○	tinned copper	FEP		2,5	9,8	12,7
38201033	3 x 26/7 AWG	tinned copper	FEP	● ● ○	tinned copper	FEP		2,6	11,3	14,7
38201043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○	tinned copper	FEP		2,8	15,9	19,0
<b>RTD sensor cable 180 flex</b>										
38202023	2 x 26/7 AWG	tinned copper	FEP	● ○		Besilen®		2,5	2,8	8,7
38202033	3 x 26/7 AWG	tinned copper	FEP	● ● ○		Besilen®		2,6	4,2	10,5
38202043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○		Besilen®		2,8	5,6	12,7
<b>RTD sensor cable 180 C flex</b>										
38203023	2 x 26/7 AWG	tinned copper	FEP	● ○	tinned copper	Besilen®		3,0	9,8	14,1
38203033	3 x 26/7 AWG	tinned copper	FEP	● ● ○	tinned copper	Besilen®		3,1	11,3	16,1
38203043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○	tinned copper	Besilen®		3,3	15,9	20,4
<b>RTD sensor cable 250 TW</b>										
38204023	2 x 26/7 AWG	nickel-plated copper	PFA	● ○		PFA		1,9	2,8	6,1
38204033	3 x 26/7 AWG	nickel-plated copper	PFA	● ● ○		PFA		2,0	4,2	8,0
38204043	4 x 26/7 AWG	nickel-plated copper	PFA	● ● ● ○		PFA		2,2	5,6	10,1
<b>RTD sensor cable 250 C TW</b>										
38205023	2 x 26/7 AWG	nickel-plated copper	PFA	● ○	tinned copper	PFA		2,5	9,8	12,9
38205033	3 x 26/7 AWG	nickel-plated copper	PFA	● ● ○	tinned copper	PFA		2,6	11,3	14,9
38205043	4 x 26/7 AWG	nickel-plated copper	PFA	● ● ● ○	tinned copper	PFA		2,8	15,9	19,3
<b>RTD sensor cable 180 highflex</b>										
38206023	2 x 26/7 AWG	tinned copper	Besilen®	● ○		Besilen®		3,2	2,8	12,1
38206033	3 x 26/7 AWG	tinned copper	Besilen®	● ● ○		Besilen®		3,3	4,2	14,0
38206043	4 x 26/7 AWG	tinned copper	Besilen®	● ● ● ○		Besilen®		3,6	5,6	16,8
<b>RTD sensor cable 180 C highflex</b>										
38207023	2 x 26/7 AWG	tinned copper	Besilen®	● ○	tinned copper	Besilen®		3,6	13,1	19,2
38207033	3 x 26/7 AWG	tinned copper	Besilen®	● ● ○	tinned copper	Besilen®		3,8	14,6	21,4
38207043	4 x 26/7 AWG	tinned copper	Besilen®	● ● ● ○	tinned copper	Besilen®		4,1	19,4	27,0

Other dimensions and colours are possible on request.