

# Compensation & Extension Cables

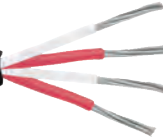


## RTD sensor cable

Connection cables for RTD



CKSKES · D-VIERSEN · RTD sensor cable 180 TW 4x26/7 AWG 38200043

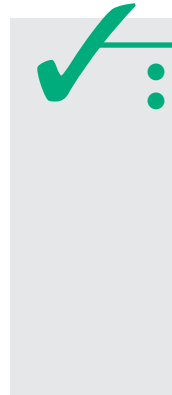


Marking for RTD sensor cable 180 TW 38200043:

SAB BRÖCKSKES · D-VIERSEN · RTD sensor cable 180 TW 4x26/7 AWG 38200043

### Technical data:

<b>Peak operating voltage:</b>	48 V		
<b>Testing voltage:</b>	conductor/conductor: 600 V conductor/shielding: 600 V		
<b>Min. bending radius</b> <i>fixed installation</i>	5 x O.D.		
<i>free movement:</i>	10 x O.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>180 C TW</b> -90/+180°C -55/+180°C	<b>250 TW</b> <b>250 C TW</b> -90/+250°C -55/+250°C
<i>static:</i>	-40/+180°C		
<i>flexible:</i>	-25/+180°C		
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30		



### Outstanding features:

- high temperature resistant
- small diameter

type item no.	no. of conductors x cross section	conductor	insulation	color code	shield	jacket material	jacket color	outer-ø approx. in	outer-ø approx. mm	cable weight ≈ lbs/mft
<b>RTD sensor cable 180 TW</b>										
38200023	2 x 26/7 AWG	tinned copper	FEP	● ○		FEP		0.075	1.9	4
38200033	3 x 26/7 AWG	tinned copper	FEP	● ● ○		FEP		0.079	2.0	5
38200043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○		FEP		0.087	2.2	7
<b>RTD sensor cable 180 C TW</b>										
38201023	2 x 26/7 AWG	tinned copper	FEP	● ○	tinned copper	FEP		0.098	2.5	9
38201033	3 x 26/7 AWG	tinned copper	FEP	● ● ○	tinned copper	FEP		0.102	2.6	10
38201043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○	tinned copper	FEP		0.110	2.8	13
<b>RTD sensor cable 180 flex</b>										
38202023	2 x 26/7 AWG	tinned copper	FEP	● ○		Besilen®		0.098	2.5	6
38202033	3 x 26/7 AWG	tinned copper	FEP	● ● ○		Besilen®		0.102	2.6	7
38202043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○		Besilen®		0.110	2.8	9
<b>RTD sensor cable 180 C flex</b>										
38203023	2 x 26/7 AWG	tinned copper	FEP	● ○	tinned copper	Besilen®		0.118	3.0	9
38203033	3 x 26/7 AWG	tinned copper	FEP	● ● ○	tinned copper	Besilen®		0.122	3.1	11
38203043	4 x 26/7 AWG	tinned copper	FEP	● ● ● ○	tinned copper	Besilen®		0.130	3.3	14
<b>RTD sensor cable 250 TW</b>										
38204023	2 x 26/7 AWG	nickel-plated copper	PFA	● ○		PFA		0.075	1.9	4
38204033	3 x 26/7 AWG	nickel-plated copper	PFA	● ● ○		PFA		0.079	2.0	5
38204043	4 x 26/7 AWG	nickel-plated copper	PFA	● ● ● ○		PFA		0.087	2.2	7
<b>RTD sensor cable 250 C TW</b>										
38205023	2 x 26/7 AWG	nickel-plated copper	PFA	● ○	nickel-plated copper	PFA		0.098	2.5	9
38205033	3 x 26/7 AWG	nickel-plated copper	PFA	● ● ○	nickel-plated copper	PFA		0.102	2.6	10
38205043	4 x 26/7 AWG	nickel-plated copper	PFA	● ● ● ○	nickel-plated copper	PFA		0.110	2.8	13
<b>RTD sensor cable 180 highflex</b>										
38206023	2 x 26/7 AWG	tinned copper	Besilen®	● ○		Besilen®		0.126	3.2	8
38206033	3 x 26/7 AWG	tinned copper	Besilen®	● ● ○		Besilen®		0.130	3.3	9
38206043	4 x 26/7 AWG	tinned copper	Besilen®	● ● ● ○		Besilen®		0.142	3.6	11
<b>RTD sensor cable 180 C highflex</b>										
38207023	2 x 26/7 AWG	tinned copper	Besilen®	● ○	tinned copper	Besilen®		0.142	3.6	13
38207033	3 x 26/7 AWG	tinned copper	Besilen®	● ● ○	tinned copper	Besilen®		0.150	3.8	14
38207043	4 x 26/7 AWG	tinned copper	Besilen®	● ● ● ○	tinned copper	Besilen®		0.161	4.1	18

Other dimensions and colors are possible on request.