

Halogen-free Cables

SABIX® A 260 PUR

Cold flexible, oil resistant control cable with numbered conductors



Marking for SABIX® A 260 PUR 52601215:

SAB BRÖCKSKES · D-VIERSEN · SABIX® A 260 PUR 12 x 1.5 mm² CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	SABIX®
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Inner jacket:	SABIX® - from 12 AWG
Jacket material:	PUR, TMPU acc. to EN 50363-10-2 + DIN VDE 0207-363-10-2
Jacket color:	gray (RAL 7000)

Technical data:

Nominal voltage:	Uo/U 300/500 V
Testing voltage:	conductor/conductor: 3000 V
Min. bending radius:	<i>fixed installation:</i> 4 x O.D. <i>free movement:</i> 6 x O.D.
Radiation resistance:	5 x 10 ⁷ cj/kg
Temperature range:	<i>static:</i> -50/+90°C <i>flexible:</i> -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + DIN VDE 0207-363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Flexibility:	very good
Weather resistance:	good
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Outstanding features:



- halogen-free
- oil resistant
- flexible at low temperatures
- weather resistant

item no.	no. of conductors incl. ground	nominal outer-ø		cable weight ≈lbs/mft
		inch ±5%	mm ±5%	
▶ 20 AWG (≈ 16/32) ▪ 0.50 mm²				
52600207	2	0.220	5.6	26
52600307	3	0.232	5.9	32
52600407	4	0.252	6.4	38
52600507	5	0.276	7.0	46
52600707	7	0.299	7.6	58
52601007	10	0.378	9.6	80
52601207	12	0.406	10.3	97
52601807	18	0.472	12.0	138
52602507	25	0.579	14.7	191
▶ 18 AWG (≈ 30/32) ▪ 1.00 mm²				
52600210	2	0.228	5.8	30
52600310	3	0.240	6.1	36
52600410	4	0.260	6.6	44
52600510	5	0.287	7.3	54
52600710	7	0.311	7.9	69
52601010	10	0.409	10.4	96
52601210	12	0.421	10.7	116
52601810	18	0.492	12.5	166
52602510	25	0.602	15.3	229

item no.	no. of conductors incl. ground	nominal outer-ø		cable weight ≈lbs/mft
		inch ±5%	mm ±5%	
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
52600215	2	0.252	6.4	38
52600315	3	0.268	6.8	48
52600415	4	0.291	7.4	59
52600515	5	0.319	8.1	72
52600715	7	0.346	8.8	93
52601015	10	0.457	11.6	128
52601215	12	0.472	12.0	157
52601815	18	0.551	14.0	226
52602515	25	0.669	17.0	303
▶ 14 AWG (≈ 46/30) ▪ 2.50 mm²				
52600225	2	0.299	7.6	58
52600325	3	0.335	8.5	77
52600425	4	0.346	8.8	91
52600525	5	0.398	10.1	116
52600725	7	0.433	11.0	151
52601025	10	0.551	14.0	209
52601225	12	0.587	14.9	251
52601825	18	0.685	17.4	362
52602525	25	0.854	21.7	507

item no.	no. of conductors incl. ground	nominal outer-ø		cable weight ≈lbs/mft
		inch ±5%	mm ±5%	
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
52600340	3	0.461	11.7	133
52600440	4	0.496	12.6	163
52600540	5	0.539	13.7	197
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
52600360	3	0.551	14.0	195
52600460	4	0.594	15.1	240
52600560	5	0.646	16.4	290
▶ 8 AWG (≈ 77/26) ▪ 10.00 mm²				
52600461	4	0.744	18.9	391
52600561	5	0.811	20.6	476
▶ 6 AWG (≈ 122/26) ▪ 16.00 mm²				
52600462	4	0.874	22.2	572
52600562	5	0.961	24.4	699

Other dimensions and colors are available on request

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