

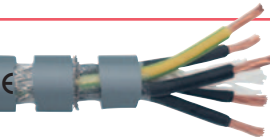
Control and connection cables

CC 600 MTW CY Type MTW

PVC control cable and Machine-Tool cable with numbered cores and overall copper screen



Oil 60°C 600V CSA AWM I/II A/B 90°C 1000V FT1 FT2 CE



Marking for CC 600 MTW CY 35601604:

SAB BRÖCKSKES · D-VIERSEN · 4x1,5mm² CC 600 MTW CY 16 AWG/4c 35601604

UL Type MTW 600V AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90°C 1000V FT1 FT2 CE

Construction:	
Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, classe 5, UL standard 758 table 5.1, UL 1581 table 20.1
Insulation:	special formulated PVC/Nylon
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
Stranding:	in layers
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Sheath material:	special oil resistant PVC
Sheath colour:	grey (RAL 7000)

Technical data:		
Voltage:	UL-AWM / (UL) 600 V	CSA 1000 V
Testing voltage:	core/core 4000 V	core/screen 2000 V
Min. bending radius		
fixed laying:	5 x d	
flexible application:	10 x d	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Temperature range:	(UL)/CSA -25/+90 °C	
Fire performance:	CSA FT1, FT2	
Oil resistance:	very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1, Oil 60 °C acc. to UL 758, Fuel Oil acc. to CSA-C 22.2 No. 210	
Impact and Crushing test:	acc. to UL 1277	
Machinery Area:	yes	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

Outstanding features:

- UL recognized, (UL) listed, CSA approved
- flexible cable for use as Machine-Tool Cable
- oil resistant
- NFPA 79 for industrial machinery

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
35601803	3 x 18	0,21	8,5	50,3	97
35601804	4 x 18	0,21	9,2	62,2	116
35601805	5 x 18	0,21	9,9	74,3	142
35601807	7 x 18	0,21	10,6	96,4	167
35601809	9 x 18	0,21	13,0	146,0	244
35601812	12 x 18	0,21	14,3	175,1	293
35601816	16 x 18	0,21	15,9	251,0	397
35601818	18 x 18	0,21	16,6	270,9	431
35601819	19 x 18	0,21	17,4	292,4	460
35601825	25 x 18	0,21	19,4	364,0	560
35601827	27 x 18	0,21	19,4	383,2	586
35601837	37 x 18	0,21	22,6	494,2	802
35601850	50 x 18	0,21	26,0	650,0	1029
35601603	3 x 16	0,26	9,2	67,0	117
35601604	4 x 16	0,26	9,9	83,9	140
35601605	5 x 16	0,26	10,5	101,2	178
35601607	7 x 16	0,26	11,7	154,8	222
35601608	8 x 16	0,26	14,1	175,0	300
35601609	9 x 16	0,26	15,1	215,5	347
35601612	12 x 16	0,26	15,9	270,2	401
35601616	16 x 16	0,26	17,3	340,3	495
35601618	18 x 16	0,26	18,1	370,1	539
35601619	19 x 16	0,26	18,1	384,5	553
35601625	25 x 16	0,26	22,4	498,6	766
35601627	27 x 16	0,26	22,4	527,4	802
35601641	41 x 16	0,26	26,3	761,2	1125
35601650	50 x 16	0,26	28,5	896,4	1309

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
35601661	61 x 16	0,26	30,2	1075,7	1540
35601403	3 x 14	0,26	10,1	101,0	169
35601404	4 x 14	0,26	11,0	143,6	200
35601405	5 x 14	0,26	12,0	174,2	236
35601407	7 x 14	0,26	12,9	227,5	295
35601409	9 x 14	0,26	16,6	314,1	451
35601412	12 x 14	0,26	17,4	398,0	532
35601418	18 x 14	0,26	20,1	557,1	731
35601425	25 x 14	0,26	24,8	767,1	1031
35601203	3 x 12	0,31	11,5	163,1	239
35601204	4 x 12	0,31	12,5	208,1	289
35601205	5 x 12	0,31	14,3	251,9	367
35601207	7 x 12	0,31	15,6	365,9	481
35601003	3 x 10	0,31	14,1	232,6	356
35601004	4 x 10	0,31	15,5	327,4	453
35601005	5 x 10	0,31	16,8	386,4	530
35601007	7 x 10	0,31	18,2	514,3	670
35600804	4 x 8	0,41	19,3	461,8	682
35600805	5 x 8	0,41	22,2	560,6	870
35600604	4 x 6	0,41	24,0	683,1	1030
35600605	5 x 6	0,41	25,9	846,6	1237
35600404	4 x 4	0,41	28,6	1021,4	1521
35600405	5 x 4	0,41	31,5	1258,3	1838
35600204	4 x 2	0,41	33,0	1552,1	2134
35600205	5 x 2	0,41	36,4	1914,1	2574
35600104	4 x 1	0,41	35,5	1881,2	2345

Other dimensions and colours are possible on request.