

CONTROL AND CONNECTION CABLES

GAALFLEX® TRAY 600

Special PVC UV and oil resistant, flexible tray cable, Machine-Tool cable,
UL-AWM / (UL) / c(UL): 600V, (UL) WTTC: 1000V



ELETTROTEK KABEL® GAALFLEX® TRAY 600 X



Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295 and UL standard 83 + UL 1581 table 20.1.1
Insulation:	special PVC/Nylon compound: from 1 sqmm up to 1,5 sqmm: UL TFFN > 1,5 sqmm: UL THHN
Colour cores:	black cores with consecutive numbers acc. to EN 50334, green-yellow from 3 cores
Stranding:	in layers
Outer sheath:	black (RAL 9005), special PVC oil resistant compound

Resistance:



Fire performance acc. to:
(UL) FT4 and c(UL) FT1 FT2 FT4

Technical data:

Nominal voltage:	UL-AWM / (UL) / c(UL): 600V (UL) WTTC: 1000V
Test voltage:	2 kV
Temperature range	(UL) / c(UL): up to +90°C
<i>Fixed laying:</i>	- 40°C
Radiation resistance:	8 x 107 cJ/kg
Min. bending radius:	
<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	15 x d

Features:

UL AWM style 2587 90°C 600 V
(UL) type TC-ER 90°C 600 V
FT4 (UL) WTTC 90°C 1000 V (UL)
MTW 600 V flexing
Type CIC 90°C dry 600 V FT1 FT2 FT4 CE
New: improved with WTTC approval
WTTC: UL subject 2277
TC: UL Standard 1277
exposed runs
cable for tray use
UV resistance
RoHS and CE approval



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Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
32010G71020A18	2 x 1	6,9	19	76	18
32010G70031A18	3 G 1	7,3	29	89	18
32010G70041A18	4 G 1	7,9	38	107	18
32010G70051A18	5 G 1	8,5	48	126	18
32010G70071A18	7 G 1	9,2	67	155	18
32010G70091A18	9 G 1	11,3	86,4	196,5	18
32010G70121A18	12 G 1	12	115	244	18
32010G70161A18	16 G 1	13,9	153,6	333,5	18
32010G70181A18	18 G 1	14,6	173	372	18
32010G70191A18	19 G 1	14,6	182,4	384	18
32010G70251A18	25 G 1	17,4	240	496	18
32010G70271A18	27 G 1	17,4	259,2	521	18
32010G70371A18	37 G 1	19,6	355,2	695	18
32010G70501A18	50 G 1	23,6	480	943	18
32010G71020A16	2 x 1,5	7,5	29	93,5	16
32010G70031A16	3 G 1,5	7,9	43	110	16
32010G70041A16	4 G 1,5	8,5	58	133	16
32010G70051A16	5 G 1,5	9,3	72	160	16
32010G70071A16	7 G 1,5	10,1	101	199	16
32010G70081A16	8 G 1,5	11,7	115,2	230	16
32010G70091A16	9 G 1,5	12,5	129,6	256	16
32010G70121A16	12 G 1,5	13,9	173	341	16
32010G70161A16	16 G 1,5	15,4	230,4	435	16
32010G70181A16	18 G 1,5	16,2	259,5	486	16
32010G70191A16	19 G 1,5	16,2	273,6	501	16
32010G70251A16	25 G 1,5	19,2	360	644	16
32010G70271A16	27 G 1,5	19,2	388,8	675,4	16
32010G70371A16	37 G 1,5	22,4	532,8	942	16
32010G70411A16	41 G 1,5	24,0	590,4	1023	16
32010G70501A16	50 G 1,5	26,5	720	1253	16
32010G70611A16	61 G 1,5	27,8	878,4	1460	16
32010G70031A14	3 G 2,5	8,8	72	148	14
32010G70041A14	4 G 2,5	9,5	96	182	14
32010G70051A14	5 G 2,5	10,3	120	219	14
32010G70071A14	7 G 2,5	11,4	168	280	14
32010G70091A14	9 G 2,5	14,1	216	349	14
32010G70121A14	12 G 2,5	15,6	288	470	14
32010G70181A14	18 G 2,5	18,3	432	682	14
32010G70251A14	25 G 2,5	22,7	600	826	14
32010G70031A12	3 G 4	10,2	115	216	12
32010G70041A12	4 G 4	11	154	266	12
32010G70051A12	5 G 4	12,1	192	326	12
32010G70061A12	6 G 4	13,2	230,4	371	12
32010G70071A12	7 G 4	13,2	268,8	415	12
32010G70031A10	3 G 6	12,8	173	329	10
32010G70041A10	4 G 6	14	230	408	10
32010G70051A10	5 G 6	15,4	288	497	10
32010G70071A10	7 G 6	16,8	403,2	625	10
32010G70031A08	3 G 10	17	288	568	8
32010G70041A08	4 G 10	18,7	384	705	8
32010G70051A08	5 G 10	21,5	480	880	8
32010G70071A08	7 G 10	23,5	672	1134	8
32010G70031A06	3 G 16	19,4	461	796	6
32010G70041A06	4 G 16	22,4	614	1056	6
32010G70051A06	5 G 16	24,3	768	1243	6
32010G70041A04	4 G 25	27,2	960	1648	4
32010G70051A04	5 G 25	29,7	1200	1535	4
32010G70041A02	4 G 35	31,3	1344	2260	2
32010G70051A02	5 G 35	34,7	1680	2731	2

Other dimension and colours available on request.