

GAALFLEX® SERVO T 806 C

PVC motor connection cable with overall copper screen



ELETTROTEK KABEL® GAALFLEX® SERVO T 806 C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 5 ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL PP COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 +GREEN-YELLOW
STRANDING:	IN LAYERS
SCREEN:	TINNED COPPER BRAID
OUTER SHEATH:	ORANGE (RAL 2003), SPECIAL PVC COMPOUND 90°C

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0472 PART 804 TEST METHOD B,
IEC 60332-1, IEC 60332-3-24, CSA FT1



OIL RESISTANCE ACC. TO:
EN 50290-2-22, VDE 0819-102

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV UL/CSA: 1000 V
TEST VOLTAGE:	SUPPLY CORES: 4 kV CORE/SCREEN: 1,5 kV
TEMPERATURE RANGE::	
FIXED LAYING:	- 40°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 10°C UP TO + 80°C
MIN. BENDING RADIUS:	
FIXED LAYING:	6 x D
FLEXIBLE INSTALLATION:	20 x D

Features:

UL AWM STYLE 2570 80°C 1000 V, CSA AWM I/II A/B
LOW CAPACITANCE
OIL RESISTANCE
DESINA® COLOURS
ROHS AND CE APPROVAL



DESINA® T 806 C UL

Part no.	No. of cores x cross section n x mm²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
37180HG0041A16	4 g 1,5	8,2	82,3	120	16
37180HG0041A14	4 g 2,5	9,7	130,5	179	14
37180HG0041A12	4 g 4	11,5	193	256	12
37180HG0041A10	4 g 6	13,3	274,7	354	10
37180HG0041A08	4 g 10	16,3	463	568	8
37180HG0041A06	4 g 16	20,0	711	867	6
37180HG0041A04	4 g 25	24,5	1082,9	1309	4
37180HG0041A02	4 g 35	27,7	1475,8	1738	2
37180HG0041A01	4 g 50	33,2	2125,7	2498	1

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DESINA® T 806 C UL + 1 SCREENED PAIR

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. *)
37182HG004BA16	4 g 1,5 + (2 x 1) C	11,7	132,8	168,2	16
37182HG004BA14	4 g 2,5 + (2 x 1) C	12,7	176	220,6	14
37182HG004BA12	4 g 4 + (2 x 1) C	14,2	250	305,8	12
37182HG004BA10	4 g 6 + (2 x 1) C	15,9	335,3	411	10
37183HG004BA16	4 g 1,5 + (2 x 1,5) C	12,1	144,9	170,9	16
37183HG004BA14	4 g 2,5 + (2 x 1,5) C	13,1	188,1	223,1	14
37183HG004BA12	4 g 4 + (2 x 1,5) C	14,6	270,6	315,7	12
37183HG004BA10	4 g 6 + (2 x 1,5) C	16,3	355,8	420,9	10
37183HG004BA08	4 g 10 + (2 x 1,5) C	18,9	517,9	617	8
37183HG004BA06	4 g 16 + (2 x 1,5) C	22	765,3	907,9	6
37183HG004BA04	4 g 25 + (2 x 1,5) C	26,2	1127,8	1344,4	4
37183HG004BA02	4 g 35 + (2 x 1,5) C	29,3	1528,8	1784	2
37183HG004BA01	4 g 50 + (2 x 1,5) C	34,4	2167,7	2534,8	1

DESINA® T 806 C UL + 2 SCREENED PAIRS

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. *)
37180HG004B900	4 g 1 + (2 x 0,75) C + (2 x 0,75) C	12,1	142,4	227	18
37180HG004B901	4 g 1,5 + (2 x 0,75) C + (2 x 0,75) C	12,7	166,5	255,8	16
37180HG004B902	4 g 1,5 + (2 x 1) C + (2 x 1) C	13,1	176,1	268,7	16
37180HG004B910	4 g 2,5 + (2 x 0,75) C + (2 x 0,75) C	13,5	204,9	305,4	14
37180HG004B903	4 g 2,5 + (2 x 1) C + (2 x 1) C	14,4	230,8	334,4	14
37180HG004B904	4 g 4 + (2 x 1) C + (2 x 1,5) C	16,3	319,6	445,9	12
37180HG004B905	4 g 6 + (2 x 1) C + (2 x 1,5) C	17,9	404,9	552,2	10
37180HG004B906	4 g 10 + (2 x 1) C + (2 x 1,5) C	20,4	566,9	750,8	8
37180HG004B907	4 g 16 + (2 x 1,5) C + (2 x 1,5) C	23,5	828,5	1059,3	6
37180HG004B908	4 g 25 + (2 x 1,5) C + (2 x 1,5) C	27,2	1191,1	1492	4
37180HG004B909	4 g 35 + (2 x 1,5) C + (2 x 1,5) C	30,4	1592	1934,4	2

Other dimension and colours available on request.