

GAALFLEX® SERVO T 806 UL

PVC motor connection cable

GAALFLEX® SERVO T 806 C UL

PVC motor connection cable with overall copper screen

ELETTROTEK KABEL® GAALFLEX® SERVO T 806 UL

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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
Wrapping (T 806 C UL):	PETP foil
Screen (T 806 C UL):	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:	Uo/U 0,6/1 kV UL/CSA: 1000 V
Test voltage:	supply cores:4kV core screen: 1,5 kV
Temperature range	
<i>Fixed laying:</i>	- 40°C up to + 80°C
<i>Flexible installation:</i>	- 10°C up to + 80°C
Min. bending radius (T 806 UL)	
<i>Fixed laying:</i>	4 x d
<i>Flexible installation:</i>	15 x d
Min. bending radius (T 806 C UL)	
<i>Fixed laying:</i>	6 x d
<i>Flexible installation:</i>	20 x d

Features:

UL AWM STYLE 2570 80°C 1000 V, CSA AWM I/II A/B

low capacitance

oil resistance

DESINA® colours

for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue

RoHS and CE approval



DESINA® T 806 UL

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.)*
37170HG0041A19	4 G 0,75	7,1	28,8	76	19
37170HG0041A18	4 G 1	7,7	38,4	92	18
37170HG0041A16	4 G 1,5	8,5	57,6	120	16
37170HG0041A14	4 G 2,5	9,8	96	173	14
37170HG0041A12	4 G 4	11,6	153,6	255	12
37170HG0041A10	4 G 6	14,3	230,4	385	10
37170HG0041A08	4 G 10	17,2	384	595	8
37170HG0041A06	4 G 16	20,3	614,4	888	6
37170HG0041A04	4 G 25	23,6	960	1296	4

SERVO CABLES



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DESINA® T 806 C UL

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. *)
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

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.