

SERVO CABLES

GAALFLEX® SERVO T 807 C

PE/PVC feedback cable with coloured cores and overall copper screen

GAALFLEX® SERVO T 808 C

paired PE/PVC transmission cable with coloured cores and overall copper screen

ELETTROTEK KABEL® GAALFLEX® SERVO T 807 C

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Construction:

Conductor:	stranded red copper conductor, acc. to DIN VDE 0812
Insulation:	PE type L/MD acc. to DIN VDE 0819 part. 103
Colour cores:	acc. to DIN 47100
Stranding	
<i>T 807 C:</i>	in layers
<i>T 808 C:</i>	supply cores: in layers control cores: in pairs
Screen:	acc to dimension: pairs screened or wrapped individually with tinned copper braid
Wrapping:	PETP foil
Stranding:	supply cores and control cores together in layers
Wrapping:	PETP foil
Screen:	tinned copper braid
Wrapping:	non-woven tape
Outer sheath:	grey (RAL 7000), PVC type TM2, acc. to DIN VDE 0281 part. 1

Resistance:



Oil resistance acc. to:
internal standard, IEC 60811-2-1

Technical data:

Peak operating voltage

<i>T 807 C:</i>	max. 500 V
<i>T 808 C:</i>	max. 350 V

Test voltage: 2kV

Temperature range

<i>Fixed laying:</i>	- 30°C up to +70°C
<i>Flexible installation:</i>	- 5°C up to + 70°C

Radiation resistance: 8×10^7 cJ/kg

Min. bending radius

<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	10 x d
<i>Continuously flexible:</i>	12 x d

Features:

- possible standard DESINA
- very good EMC characteristics
- high functionality
- space-saving application
- good handling
- chemical resistant
- Weather resistant
- 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. *)
Motor feedback cable					
37110D44090M05	9 x 0,5	8,4	68,2	107	20
Transmission cable					
37120C44049900	4 x 2 x 0,25 + 2 x 0,5	8,1	53,7	82	24/20
37120C44049901	4 x 2 x 0,25 + 2 x 1	8,4	63,3	93	24/18
37120C44049902	4 x 2 x 0,14 + 4 x 0,5	8,3	54,9	85	26/20
37120C44109903	10 x 0,14 + 2 x 0,5	7,4	44	73	26/20
37120C44109904	10 x 0,14 + 4 x 0,5	8,0	57,5	92	26/20
37120C44049905	4 x 2 x 0,38 + 4 x 0,5	10,1	78,7	128	-/20
37120C44039906	3 x (2 x 0,14)C + 2 x 1	8,2	77,9	100	26/18
37120C44039907	3 x (2 x 0,14)C + 2 x (0,5)C	8,2	81,9	100	26/18
37120DEX042908	4x(2x0,34)C	10,2	102	160	22

Other dimension and colours available on request.