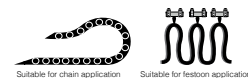


# SERVO CABLES

## GAALFLEX® SERVO T 833 C

TPE/PUR motor connection cable with overall copper screen



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 6 acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	special TPE compound
<b>Colour cores:</b>	black cores with consecutive numbers acc. to EN 50334 green-yellow from 3 cores
<b>Stranding:</b>	In layers + fillers
<b>Wrapping:</b>	non-woven tape
<b>Screen:</b>	tinned copper braid
<b>Wrapping:</b>	non-woven tape
<b>Outer sheath:</b>	orange (RAL 2003), special PUR compound

### Resistance:



**Oil resistance:**  
very good - oil-rating 60°C acc. to UL 758  
CSA C22-2 NO 210 - 05

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV <b>UL/CSA</b> 1000 V
<b>Test voltage:</b>	4kV core/screen: 2kV
<b>Temperature range</b>	<b>DIN VDE</b> <b>UL/CSA:</b> up to +80°C
<i>Fixed laying:</i>	- 50°C up to + 90°C
<i>Flexible installation:</i>	- 40°C up to + 90°C
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cj/kg
<b>Min. bending radius</b>	
<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	10 x d
<i>Continuously flexible:</i>	12 x d
<b>Max speed (main application):</b>	250 m/min

### Features:

UL AWM STYLE 20235 80°C 1000 V  
CSA AWM I/II A/B 80°C 1000 V FT1 FT2 CE

very high flexibility  
suitable for cable tracks  
oil resistant  
very long service life  
adhesion-free installation  
lamb uncritical  
flexible at low temperature  
DESINA® colours

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

RoHS and CE approval



**DESINA®**

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. (*)
37070HG0041A16	4 G 1,5	9,1	83,5	126	16
37070HG0041A14	4 G 2,5	11	142,5	192	14
37070HG0041A12	4 G 4	12,5	206,7	273	12
37070HG0041A10	4 G 6	15,5	298,3	399	10
37070HG0041A08	4 G 10	17,8	495,2	605	8
37070HG0041A06	4 G 16	22,8	750	951	6
37070HG0041A04	4 G 25	25,7	1120	1331	4
37070HG0041A02	4 G 35	29,2	1534	1732	2
37070HG0041A01	4 G 50	34,3	2144	2428	1
37070HG0041A2C	4 G 70	42,5	3196	4600	2/0

Other dimension and colours available on request.