

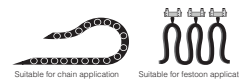
# SERVO CABLES

## GAALFLEX® SERVO T 834 C

TPE/PUR with overall copper screen, acc. to SIEMENS standard 6FX8008



ELETTROTEK KABEL® GAALFLEX® SERVO T 834 C



### 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 0,34 mm <sup>2</sup> : acc. to DIN 47100
<b>Stranding:</b>	in layers + fillers
<b>Wrapping:</b>	non-woven tape
<b>Screen:</b>	tinned copper braid
<b>Outer sheath:</b>	orange (RAL 2003), PUR compound, acc. to UL 758

### Resistance:

	<b>Self-extinguishing and flame retardant acc. to:</b> IEC 60332-1-2 EN 60332-1-2 UL CSA FT-1, FT-2
	<b>Oil resistance acc. to:</b> DIN VDE 0473 part 811-2-1, IEC 60811-2-1
	<b>Halogen free acc. to:</b> IEC 60754-1 (equivalent DIN VDE 0472 part 815)

### 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>	4 kV x 5 min 4 kV x 1 min
<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>	7 x d
<i>Continuously flexible:</i>	7 x d
<b>Max speed (main application):</b>	300 m/min

### Features:

UL AWM style 21223 80°C, 1000V  
CSA AWM I/II A/B 80°C 1000 V FT1 FT2

very high flexibility

oil resistant

very long service life

adhesion-free installation

labs 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



### SIEMENS

Part no.	acc.to SIEMENS Standard	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. *)
37080HG0041A16	6FX8008-1BB11	4 G 1,5	9,1	83,5	126	16
37080HG0041A14	6FX8008-1BB21	4 G 2,5	11	142,5	192	14
37080HG0041A12	6FX8008-1BB31	4 G 4	12,5	206,7	273	12
37080HG0041A10	6FX8008-1BB41	4 G 6	15,5	298,3	399	10
37080HG0041A08	6FX8008-1BB51	4 G 10	17,8	495,2	605	8
37080HG0041A06	6FX8008-1BB61	4 G 16	22,8	750	951	6
37080HG0041A04	6FX8008-1BB25	4 G 25	25,7	1120	1331	4
37080HG0041A02	6FX8008-1BB35	4 G 35	29,2	1534	1732	2
37080HG0041A01	6FX8008-1BB50	4 G 50	34,3	2144	2428	1
37080HG0041A2C	6FX8008-1BB70	4 G 70	39,9	3029	3803	2/0

Other dimension and colours available on request.