

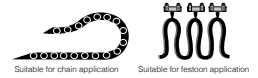
# SERVO CABLES

## GAALFLEX® SERVO T 840 C

paired PUR transmission cable with coloured cores and overall copper screen  
acc.to SIEMENS standard 6FX8008 and SEW EURODRIVE standard



ELETTROTEK KABEL® GAALFLEX® SERVO T 840 C



### Construction:

<b>Conductor:</b>	flexible tinned copper conductor Cl. 6 acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	special polymer compound
<b>Colour cores:</b>	acc. to DIN 47100 as far as applicable
<b>Stranding:</b>	in layers + fillers
<b>Wrapping:</b>	plastic tape
<b>Screen:</b>	tinned copper braid
<b>Outer sheath:</b>	green (RAL 6018), PUR compound to UL 758

### Resistance:



**Self-extinguishing and flame retardant acc.to:**  
IEC 60332-1-2  
EN 60332-1-2  
UL CSA FT-1,FT-2



**Oil resistance:**  
very good - PUR TMPU acc. to DIN VDE 0282  
part.10+ HD 22.10



**Halogen free acc.to:**  
DIN VDE 0472 part 815  
IEC 60754-1

### Technical data:

<b>Nominal voltage:</b>	max. 30 V <b>UL/CSA: 30 V (SIEMENS)</b> <b>UL/CSA: 300 V (SEW EURODRIVE)</b>
<b>Test voltage:</b>	1 kV
<b>Temperature range</b>	<b>DIN VDE:</b> <b>UL:</b> up to + 80°C
<i>Fixed laying:</i>	- 40°C up to + 80°C
<i>Flexible installation:</i>	- 35°C up to + 80°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>	250 m/min

### Features:

UL AWM style 20236 80°C 30 V (SIEMENS)  
UL AWM style 20280 80°C 300 V (SEW EURODRIVE)  
good EMC characteristics  
flexible installation  
adhesion-free installation  
labs uncritical  
DESINA® colours  
good against acids, alkalines, solvents, hydraulic liquids etc.  
for SPEEDS and MINIMUM BENDING RADIUS  
see pages from 2 to 8 of catalogue

RoHS and CE approval



#### SIEMENS standard 6FX8008/6FX5008

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. *)
37150AE4029901	6FX5008-1BA51	(3 x (2 x 0,14)D + 2 x 0,5 + 4 x 0,14 + 4 x 0,22)C	9,5	80,4	130	26/20/26/-
37150AE4029902	6FX5008-1BA41	3 x (2 x 0,14)D + 2 x 0,5 + 4 x 0,14)C	-	67,2	108	26/20/26

#### SEW EURODRIVE standard UL AWM style 20280 80 °C 300 V

Part no.	acc. to SEW EURODRIVE 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. *)
37150CE4062A24	-	(6 x 2 x 0,25)C	9,4	59	105	24
37150CE4052A24	-	(5 x 2 x 0,25)C	8,8	51	91	24

Other dimension and colours available on request.