

# SERVO CABLES

## GAALFLEX® SERVO T 828 C

TPE/PVC with overall copper screen, acc.to SIEMENS standard 6FX5008



ELETTROTEK KABEL® GAALFLEX® SERVO T 828 C

### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 5 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>	plastic tape
<b>Screen:</b>	tinned copper braid
<b>Outer sheath:</b>	orange (RAL 2003), special PVC compound

### Resistance:



#### Self-extinguishing and flame retardant acc.to:

IEC 60332-1-2  
EN 60332-1-2  
UL CSA FT-1,FT-2



#### Oil resistance acc. to:

DIN VDE 0473 part 811-2-1  
IEC 60811-2-1

### 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>	supply cores: 4kV x 5 min core screen: 1,5 kV x 1 min
<b>Temperature range</b>	<b>DIN VDE:</b> <b>UL/CSA:</b> up to + 90°C
<i>Fixed laying:</i>	- 30°C up to + 90°C
<i>Flexible installation:</i>	- 5°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>	18 x d

### Features:

UL AWM style 2570 80°C 1000 V  
CSA AWM I/II A/B 80°C 1000 V FT1 FT2

- oil resistant
- good chemical resistant
- adhesion-free installation
- DESINA® colours
- RoHS and CE approval



### DESINA® 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.)*
37030HG0041A16	6FX5008-1BB11	4 G 1,5	8	78	120	16
37030HG0041A14	6FX5008-1BB21	4 G 2,5	10	121	173	14
37030HG0041A12	6FX5008-1BB31	4 G 4	11	194	255	12
37030HG0041A10	6FX5008-1BB41	4 G 6	14	291	370	10
37030HG0041A08	6FX5008-1BB51	4 G 10	19	477	670	8
37030HG0041A06	6FX5008-1BB61	4 G 16	24	700	1065	6

Other dimension and colours available on request.