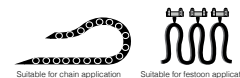


SERVO CABLES

FLEXIDRUM® T 310

TPE/PUR motor connection cable 0,6/1 kV, UL/CSA 1000 V



Construction:

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

Resistance:



Self-extinguishing and flame retardant acc.to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2



Oil resistance:
very good TMPU acc. to DIN VDE 0282 part 10
+ HD 22.10, acc. to DIN VDE 0473 part 811-2-1,
EN 60811-2-1
EC 60811-2-1



Halogen free acc.to:
acc. to DIN VDE 0482, part 267
EN 50267-2-1 /
IEC 60754-1
(equivalent DIN VDE 0472 part 815)

Technical data:

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

Features:

- AWM STYLE 21223 80°C 1000 V
CSA AWM I/II A/B 80°C 1000 V FT1 CE
- very high flexible
- suitable for cable tracks
- oil resistant
- very long service life
- adhesion-free installation
- halogen-free
- lamb uncritical
- flexible at low temperatures
- good against acids, alkalines, solvents, hydraulic liquids etc.
- very good weather resistant
- for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue
- RoHS and CE approval



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. (*)
04150HG0041A16	4 G 1,5	7,7	57,6	100	16
04150HG0041A14	4 G 2,5	9,3	96	149	14
04150HG0041A12	4 G 4	10,8	153,6	230	12
04150HG0041A10	4 G 6	12,9	230,4	334	10
04150HG0041A08	4 G 10	15,5	384	520	8
04150HG0041A06	4 G 16	18,8	614,4	806	6
04150HG0041A04	4 G 25	23,7	960	1245	4
04150HG0041A02	4 G 35	26,6	1344	1688	2
04150HG0041A01	4 G 50	31,8	1920	2381	1

Other dimension and colours available on request.