

TORSION CABLES

GAALFLEX® ROBOT 113 D

PVC torsion cable $\pm 270^\circ/0,5$ mt, UL 300V



ELETTROTEK KABEL® GAALFLEX® ROBOT 113 D



Construction:

Conductor:	from 0,14 mm² up to 0,34 mm²: flexible red copper conductor Cl. 6, acc. to IEC 60228, DIN VDE 0295 from 0,50 mm²: flexible red copper conductor Cl. 6, acc. to IEC 60228, DIN VDE 0295
Insulation:	PVC type T12 acc. to DIN VDE 0281 part. 1 + HD 21.1
Colour cores:	acc. to US 2
Stranding:	in layers
Wrapping:	netting tape over each layer and overall non-woven tape
Screen:	tinned copper wires helically wound
Wrapping:	non-woven tape
Outer sheath:	black (RAL 9005), PVC type TM5, acc. to DIN VDE 0281 part. 1 HD 21.1

Resistance:



Fire performance acc. to:
UL VW1 IEC 60332-1-2 and EN 60332-1-2



Oil resistance:
very good - TM5 acc. to DIN VDE 0281 part. 1 +
HD 21.1

Technical data:

Voltage:	UL: 300 V	
Peak operating voltage:	max. 350 V	
Test voltage:	1,5 kV acc. to DIN VDE 0472 part. 509 core/screen 1,2 kV	
Temperature range	UL:	DIN VDE:
<i>Fixed laying:</i>	-up to +80°C	-40 up to +70°C
<i>Flexible installation:</i>	up to +80°C	+5 up to +70°C
Min. bending radius:	continuously flexible: 12 x d from 34 cores: 20 x d	
Torsion angle:	up to $\pm 270^\circ/0,5$ m (tested)	

Features:

Rugged and reliable

AWM Style 2464 80°C 300 V CE

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. *)
38020C76120A26	12 x 0,14	8,8	32,2	85	26
38020C76250A24	25 x 0,25	12,0	96,7	187	24
38020C76041A08	4 G 10	19,6	468,2	-	8
38020C76041A06	4 G 16	23,4	742,5	-	6
38020C7604BA16	4 x 1,5 + (2 x 0,75)	11,6	119,9	-	16/19

Other dimension and colours available on request.