

GAALFLEX® ROBOT 113 D

PVC torsion cable ± 270°/0,5 mt, UL300 V



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 EN 50363-3 + VDE 0207-363-3
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 EN 50363-4-1 + VDE 0207-363-4-1

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:
FIXED LAYING:	UP TO + 80°C	- 40 UP TO + 70°C
FLEXIBLE INSTALLATION:	UP TO + 80°C	+ 5 UP TO + 70°C
MIN. BENDING RADIUS:	CONTINUOUSLY FLEXIBLE: 12 x D FROM 34 CORES: 20 x D	
CONTINUOUSLY FLEXIBLE:	12 x D	
FROM 34 CORES:	20 x D	
TORSION ANGLE:	UP TO ± 270°/0,5 mt (TESTED)	

Resistance:



FIRE PERFORMANCE ACC. TO:
UL VV1
IEC 60332-1-2 + VDE 0482-332-1-2



OIL RESISTANCE:
VERY GOOD - TM5 ACC. TO DIN VDE 0281 PART 1 + HD 21.1

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	8,4	32	88	26
38020C76250A24	25 x 0,25	11,6	97	201	24
38020C76041A08	4 g 10	19,6	468	-	8
38020C76041A06	4 g 16	23,4	743	-	6
38020C7604BA16	4 x 1,5 + (2 x 0,75)	11,6	120	-	16/19

Other dimension and colours available on request.