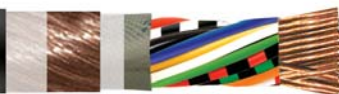


GAALFLEX® ROBOT 123 D

PUR torsion cable $\pm 450^\circ/0,5$ mt, DIN VDE 300/500 V, UL/CSA 300 V (0,14 mm² - 0,34 mm²),
UL/CSA 600 V (from 0,5 mm²)



ELETTROTEK KABEL® GAALFLEX® ROBOT 123 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:	TPE COMPOUND
COLOUR CORES:	FROM 0,14 mm² UP TO 0,34 mm²: ACC. TO US 2 FROM 0,50 mm²: BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NETTING TAPE OVER EACH LAYER AND OVERALL NON-WOVEN TAPE
SCREEN:	BARE COPPER WIRES HELICALLY WOUND
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), PUR TYPE TMPU, ACC. TO EN 50363-10-2 + VDE 0207-363-10-2

Resistance:



FIRE PERFORMANCE ACC. TO:
UL VW1 + CSA FT1 + FT2
IEC 60332-1-2 + VDE 0482-332-1-2



HALOGEN FREE ACC. TO:
DIN VDE 0482-754-1 + IEC 60754-1



OIL RESISTANCE:
VERY GOOD-PUR TMPU
ACC. TO EN 50363-10-2 + VDE 0207-363-10-2

Technical data:

VOLTAGE 0,14 mm ² - 0,34 mm ² :	UL/CSA: 300 V
VOLTAGE from 0,50 mm ² :	UL/CSA: Max. 600 V
PEAK OPERATING VOLTGE 0,14 mm ² - 0,34 mm ² :	Max. 350 V
NOMINAL VOLTAGE: from 0,50 mm ² :	DIN VDE: 300/500 V
TEST VOLTAGE 0,14 mm ² - 0,34 mm ² :	1,5 kV ACC. TO DIN VDE 0472 PART 509
TEST VOLTAGE from 0,50 mm ² :	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2
TEMPERATURE RANGE: FIXED LAYING: FLEXIBLE APPLICATION	UL/CSA: UP TO + 80°C UP TO + 80°C DIN VDE - 50 UP TO + 90°C - 40 UP TO + 90°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	20 x D
TORSION ANGLE:	UP TO $\pm 450^\circ/0,5$ mt (TESTED)

Features:

RUGGED AND RELIABLE

UL AWM STYLE 21060 80°C 600 V
CSA AWM I/II A/B 80°C F 600 V FT1 FT2 CE

GOOD AGAINST ACIDS, ALKALINES, SOLVENTS,
HYDRAULIC LIQUIDS ETC.

ROHS AND CE APPROVAL

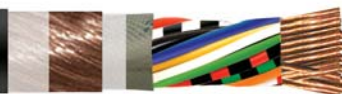


GAALFLEX® ROBOT 123 D

PUR torsion cable $\pm 450^\circ/0,5$ mt, DIN VDE 300/500 V, UL/CSA 300 V (0,14 mm² - 0,34 mm²),
 UL/CSA 600 V (from 0,5 mm²)



ELETTROTEK KABEL® GAALFLEX® ROBOT 123 D



UL/CSA/CE

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. *)
38060C76120A26	12 x 0,14	6,9	30,2	62	26
38060C76250A24	25 x 0,25	10	90,9	156	24
38060F70051A20	5 g 0,5	8,2	40,5	94	20
38060F70071A18	7 g 1	10,7	108,5	178	18
38060F70121A16	12 g 1,5	14,9	214,7	338	16
38060F70181A16	18 g 1,5	17,1	326	496	16

Other dimension and colours available on request.

OTHER SPECIAL CONSTRUCTION ON STOCK

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. *)
38060F70041A14	4 g 2,5	11,9	127,1	-	14
38060F70041A12	4 g 4	13,4	193,2	-	12
38060F70031A06	3 g 16	20,2	539,2	-	6
38060C76042A22	4 x (2 x 0,34) D11Y	11,0	47,3	126	22
38060C76020A24	2 x (1 x 0,25)	7,0	11,7	48,3	24
38060F7L010A04	1 x 25	11,8	271,5	334	4
38060C76160A16	16 x 0,34	9,4	69,3	-	22
38060F7004BA16	4 g 1,5 + (2 x 1)	12,3	126	-	16
38060C76042A22	(4 x (2 x 0,34) D11Y)	13,1	215,5	282	22
38060C76052A22	5 x (2 x 0,34)	14,1	114,8	-	22