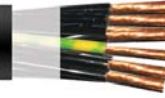


GAALFLEX® ROBOT 118

PUR torsion cable $\pm 360^\circ/1$ mt. max. 350 V (up to 0,34 mm²), 300/500 V (from 0,5 mm²)

ELETTROTEK KABEL® GAALFLEX® ROBOT 118



Construction:

CONDUCTOR:	FROM 0,14 mm² UP TO 0,34 mm²: FLEXIBLE RED COPPER CONDUCTOR CL. 5, 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:	SPECIAL TPE COMPOUND
COLOUR CORES:	UP TO 0,34 mm²: ACC. TO DIN 47100 FROM 0,50 mm²: ACC. TO DIN VDE 0293-308, HD 308 S2 FROM 6 CORES BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334; GREEN-YELLOW EARTH-WIRE FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	SPECIAL SEPARATING FOIL
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR COMPOUND

Resistance:



FLAME RETARDANT ACC. TO:
 DIN VDE 0482 PART 265-2-1,
 EN 50265-2-1
 IEC 60332-1



OIL RESISTANCE ACC. TO:
 DIN VDE 0473 PART 811-2-1,
 EN IEC 60811-2-1

Technical data:

NOMINAL VOLTAGE:	UP TO 0,34 mm²: 350 V (OPERATING, PEAK VOLTAGE) FROM 0,5 mm²: 300/500 V
TEST VOLTAGE:	UP TO 0,34 mm²: 1,5 kV x 5 min ABOVE 0,5 mm²: 3 kV x 5 min
TEMPERATURE RANGE:	
FIXED LAYING:	- 40°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 30°C UP TO + 80°C
MIN. BENDING RADIUS:	7,5 x D
TORSION ANGLE:	UP TO $\pm 360^\circ/1$ mt (TESTED)

Features:

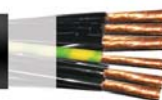
HIGH ABRASION RESISTANCE
 UV RESISTANCE
 OXYGENE AND OZONE RESISTANCE
 ROHS AND CE APPROVAL



GAALFLEX® ROBOT 118

PUR torsion cable $\pm 360^\circ/1$ mt, max. 350 V (up to 0,34 mm²), 300/500 V (from 0,5 mm²)

ELETTROTEK KABEL® GAALFLEX® ROBOT 118



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. (*)
38030C74070M02	7 x 0,25	6	16,8	52	24
38030C74120M02	12 x 0,25	8	28,8	75	24
38030C74250M02	25 x 0,25	11	60	145	24
38030C74020M03	2 x 0,34	4,3	6,6	31	22
38030C74030M03	3 x 0,34	4,5	9,8	38	22
38030C74070M03	7 x 0,34	6	22,8	55	22
38030C74120M03	12 x 0,34	8,5	39,2	73	22
38030D70121M05	12 g 0,5	10,7	57,8	94	20
38030D70161M05	16 g 0,5	12	76,8	280	20
38030D70181M05	18 g 0,5	13	86,4	125	20
38030D70251M05	25 g 0,5	14,5	120	260	20
38030D72041M07	4 g 0,75	6,3	28,8	66	19
38030D70071M07	7 g 0,75	8,2	50,4	100	19
38030D70121M07	12 g 0,75	11,8	84,4	176	19
38030D70141M07	14 g 0,75	13	100,8	205	19
38030D73020M10	2 x 1	6,3	19,2	52	18
38030D72031M10	3 g 1	6,5	29	65	18
38030D72041M10	4 g 1	6,7	38,4	85	18
38030D70071M10	7 g 1	8,8	67,2	135	18
38030D70121M10	12 g 1	12,7	115,2	220	18
38030D70181M10	18 g 1	15,7	172,8	320	18
38030D70251M10	25 g 1	17,7	240	440	18
38030D70341M10	34 g 1	21,7	326,4	575	18
38030D70411M10	41 g 1	23,5	393,6	700	18
38030D72031M15	3 g 1,5	7,2	43,2	98	16
38030D72041M15	4 g 1,5	8,2	57,6	110	16
38030D70081M15	8 g 1,5	11,5	115,2	300	16
38030D70121M15	12 g 1,5	15,8	172,8	360	16
38030D70181M15	18 g 1,5	19,5	259,2	450	16
38030D70251M15	25 g 1,5	22,3	360	640	16
38030D72031M25	3 g 2,5	8,7	72	140	14
38030D72041M25	4 g 2,5	9,5	96	180	14
38030D72031M40	3 g 4	10,5	116	230	12
38030D72041M40	4 g 4	11,5	153,6	270	12
38030D72041M60	4 g 6	14,5	230,4	350	10
38030D72031M61	3 g 10	16	288	525	8
38030D72031M62	3 g 16	18,5	460,8	725	6
38030D72031M63	3 g 25	23,4	720	1185	4
38030D72031M64	3 G35	27	1008	1610	2

Other dimension and colours available on request.