GAALFLEX® SERVO T 830

PVC motor connection cable



SUITABLE FOR CHAIN APPLICATION

Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6 ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL PP COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 + GREEN-YELLOW
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	ORANGE (RAL 2003), SPECIAL PVC COMPOUND 90°C

Resistance:

SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0472 PART 804 TEST METHOD B,
IEC 60332-1, IEC 60332-3-24, CSA FT1

OIL RESISTANCE ACC. TO:
EN 50363-4-1

Technical data:

NOMINAL VOLTAGE:	Uo/U 0,6/1 kV **UL/CSA:**1000 V
TEST VOLTAGE:	SUPPLY CORES: 4 kV CORE/SCREEN: 1,5 kV
TEMPERATURE RANGE:	
FIXED LAYING:	- 40°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 10°C UP TO + 80°C
MIN. BENDING RADIUS:	
FIXED LAYING:	4 x D
FLEXIBLE INSTALLATION:	7,5 x D
MAX SPEED (MAIN APPLICATION):	
UNSUPPORTED:	8 mt/sec
GLIDING:	4 mt/sec
MAX ACCELERATION (MAIN APPLICATION):	30 mt/sec²
BENDING CYCLES (MAIN APPLICATION):	UP TO 6 MILION
TRAVEL DISTANCES (MAIN APPLICATION):	UP TO 10 mt

Features:

UL AWM STYLE 2570 80°C 1000 V, CSA AWM I/II A/B

SUITABLE FOR TRACK CABLES
SPEED 8 mt/sec (UNSUPPORTED), 4 mt/sec (GLIDING), ACC. 30 mt/sec²

LOW CAPACITANCE

HIGH OIL RESISTANCE

HIGH FLEXIBILITY

DESINA® COLOURS

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 2 OF CATALOGUE

ROHS AND CE APPROVAL

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DESINA® T 830

Part no.	No.of cores x cross section n x mm²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
37010HG0041A19	4 g 0,75	6,9	28,8	76	19
37010HG0041A18	4 g 1	7,4	38,4	92	18
37010HG0041A16	4 g 1,5	8,1	57,6	120	16
37010HG0041A14	4 g 2,5	9,5	96	173	14
37010HG0041A12	4 g 4	11,2	153,6	255	12
37010HG0041A10	4 g 6	13,4	230,4	385	10
37010HG0041A08	4 g 10	16,3	384	595	8
37010HG0041A06	4 g 16	20,3	614,4	888	6
37010HG0041A04	4 g 25	24,2	960	1296	4