

GAALFLEX® SERVO T 834 C

TPE/PUR with overall copper screen, acc.to SIEMENS standard 6FX8008



ELETTROTEK KABEL® GAALFLEX® SERVO T 834 C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6 ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 GREEN-YELLOW FROM 3 CORES 0,34 mm ² : ACC. TO DIN 47100
STRANDING:	IN LAYERS + FILLERS
WRAPPING:	NON-WOVEN TAPE
SCREEN:	TINNED COPPER BRAID
OUTER SHEATH:	ORANGE (RAL 2003), PUR COMPOUND, ACC. TO UL 758

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
IEC 60332-1-2
EN 60332-1-2
UL CSA FT-1, FT-2



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



HALOGEN FREE ACC. TO:
IEC 60754-1
(EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV UL/CSA: 1000 V
TEST VOLTAGE:	4 kV x 5 MIN 4 kV x 1 MIN
TEMPERATURE RANGE:	DIN VDE UL/CSA: UP TO + 80°C
FIXED LAYING:	- 50°C UP TO + 90°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/kg
MIN. BENDING RADIUS:	
FIXED LAYING:	5 x D
FLEXIBLE INSTALLATION:	7 x D
CONTINUOUSLY FLEXIBLE:	7 x D
MAX SPEED (MAIN APPLICATION):	300 mt/min

Features:

UL AWM STYLE 21223 80°C, 1000 V
CSA AWM I/II A/B 80°C 1000 V FT1 FT2
LOW CAPACITANCE
VERY HIGH FLEXIBILITY
OIL RESISTANT
VERY LONG SERVICE LIFE
ADHESION-FREE INSTALLATION
LABS UNCRITICAL
FLEXIBLE AT LOW TEMPERATURE
DESINA® COLOURS
FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 2 OF CATALOGUE
ROHS AND CE APPROVAL



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SIEMENS

Part no.	acc.to SIEMENS Standard	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.*)
37080HG0041A16	6FX8008-1BB11	4 g 1,5	9,1	83,5	126	16
37080HG0041A14	6FX8008-1BB21	4 g 2,5	11	142,5	192	14
37080HG0041A12	6FX8008-1BB31	4 g 4	12,5	206,7	273	12
37080HG0041A10	6FX8008-1BB41	4 g 6	15,5	298,3	399	10
37080HG0041A08	6FX8008-1BB51	4 g 10	17,8	495,2	605	8
37080HG0041A06	6FX8008-1BB61	4 g 16	22,8	750	951	6
37080HG0041A04	6FX8008-1BB25	4 g 25	25,7	1120	1331	4
37080HG0041A02	6FX8008-1BB35	4 g 35	29,2	1534	1732	2
37080HG0041A01	6FX8008-1BB50	4 g 50	34,3	2144	2428	1
37080HG0041A2C	6FX8008-1BB70	4 g 70	39,9	3029	3803	2/0

Other dimension and colours available on request.