

# GAALFLEX® SERVO T 834 C

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



ELETTROTEK KABEL® GAALFLEX® SERVO T 834 C



## Construction:

<b>CONDUCTOR:</b>	FLEXIBLE RED COPPER CONDUCTOR CL. 6 ACC. TO IEC 60228, DIN VDE 0295
<b>INSULATION:</b>	SPECIAL TPE COMPOUND
<b>COLOUR CORES:</b>	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 GREEN-YELLOW FROM 3 CORES 0,34 mm <sup>2</sup> : ACC. TO DIN 47100
<b>STRANDING:</b>	IN LAYERS + FILLERS
<b>WRAPPING:</b>	NON-WOVEN TAPE
<b>SCREEN:</b>	TINNED COPPER BRAID
<b>OUTER SHEATH:</b>	ORANGE (RAL2003), 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:

<b>NOMINAL VOLTAGE:</b>	U <sub>o</sub> /U 0,6/1 kV <b>UL/CSA:</b> 1000 V
<b>TEST VOLTAGE:</b>	4 kV x 5 MIN 4 kV x 1 MIN
<b>TEMPERATURE RANGE:</b>	<b>DIN VDE</b> <b>UL/CSA:</b> UP TO + 80°C
FIXED LAYING:	- 50°C UP TO + 90°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C
<b>RADIATION RESISTANCE:</b>	5 x 10 <sup>7</sup> Cj/kg
<b>MIN. BENDING RADIUS:</b>	
FIXED LAYING:	5 x D
FLEXIBLE INSTALLATION:	7 x D
CONTINUOUSLY FLEXIBLE:	7 x D
<b>MAX SPEED (MAIN APPLICATION):</b>	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  
ROHS AND CE APPROVAL



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## SIEMENS

Part no.	acc.to SIEMENS Standard	No. of cores x cross section n x mm <sup>2</sup>	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.