

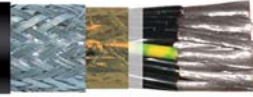
GAALFLEX® VFD CABLES

SPECIAL GAALFLEX® TRAY VFD 1400

Inverter, connection to frequency converters, UV Resistant,
(UL)/c(UL) 600 V, UL 2277 WTTTC 1000 V 90°C Dry or wet



ELETTROTEK KABEL® SPECIAL GAALFLEX® TRAY VFD 1400
THHN (UL) TYPE TC-ER 90°C 600 V, OIL 1, SUNLIGHT RES, DIRECT BURIAL
FT4 (UL) WTTTC 90°C 1000 V (UL) MTW .AWG/4 c 600 V
AWM STYLE 21179 1000 V (UL) TYPE CIG SHIELDED .AWG/4C 90°C DRY 600 V FT1, FT2, FT4
CSA AWM III A/B 90°C 1000 V FT1 FT2 CE



Construction:

- Conductor:** From 18 AWG to 12 AWG:
flexible tinned copper conductor Cl. 5,
acc. to IEC 60228, DIN VDE 0295
From 10 AWG to 2 AWG:
acc. to ASTM B 172 class K
- Insulation:** special PVC/Nylon compound
- Cores color:** black cores with consecutive numbers
acc. to EN 50334 + green-yellow
- Stranding:** in layers
- Wrapping:** non-woven tape
- Screen:** aluminium tape + PETP foil
and tinned copper braid
- Outer Sheath:** black (similar RAL 9005),
special PVC compound

Resistance:



Fire performance acc. to:
(UL) / c(UL) FT4, c(UL) / CSA-AWM FT1, FT2

Technical data:

- Nominal voltage:**
- (UL)/c(UL): 600 V
- UL-AWM/CSA-AWM: 1000 V
- (UL)WTTTC: 1000 V
- Test voltage:**
- Cond./Cond: 7,5 kV
- Cond./Screen: 3 kV
- Temperature range**
- UL AWM: up to + 105 °C
- (UL)/c(UL) / CSA-AWM: up to + 90 °C
- Fixed laying: up to - 25 °C
- Min. bending radius:**
- Fixed laying: 12 x D
- Flexible application: /

Features:

- UV resistant
- indoor/outdoor use
- suitable in wet/dry location
- Oil resistant
- Sunlight resistant
- Exposed runs
- Direct burial
- Machinery area
- NFPA 79 For industrial machinery area
- MTW listed cables can be used in
NFPA 79 For industrial machinery area
- suitable for use in hazardous (classified) locations class I,
division 2 per NEC article 501,4 (B)
- WTTTC: UL subject 2277
- TC: UL subjectt 1277 and acc. to NEC article 336 (392, 501)
- (UL)/(cUL) Listed



UL Standards:

- UL 1277 TC-ER
- UL 2277 WTTTC

Part no.	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Cable weight approx. Lbs/Mft - kg/km
33101F70041A12	4 x 12	0,472 - 12	177 - 263