

CONTROL AND CONNECTION CABLES

GAALFLEX® TRAY INSTRUMENTATION 600 STOS

Special triads XLPE/PVC UV and oil resistant, with individual and overall Aluminium tape screen, TC-ER 90°C 600V Dry or wet, UL 1277 type TC



ELETTROTEK KABEL® GAALFLEX® INSTRUMENTATION 600 STOS



Construction:

Conductor:	stranded red copper conductor similar Cl. 2, acc. to IEC 60228, ASTM B33 and B
Insulation:	special XLPE compound flame-retardant
Colour cores:	acc. to ICEA table E1: triads: black, white and red numbered
Stranding:	in triads
Screen	
<i>Individual:</i>	aluminium tape + PETP foil on each pair
<i>Overall:</i>	aluminium tape + PETP foil
Outer sheath:	black (RAL 9005), special PVC oil and UV resistance compound

Resistance:



Fire performance acc. to:
UL 1581 / IEEE 383



Low smoke emission acc. to:
UL 1685

Technical data:

Nominal voltage:	UL: 600V
Test voltage:	4 kV
Temperature range	UL: - 40°C up to +90°C
Min. bending radius:	
<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	8 x d

Features:

on request tinned copper conductor
on request flexible conductors
on request Method 4 color code
on request fire performance acc. to FT4 and IEEE 1202

UV and weather resistance
abrasion and chemical resistance

Type TC-ER UL 600V 90°C dry or wet
sunlight resistant oil resistant I direct burial

TC: UL Standard 1277
acc. to UL 1581

acc. to EPA 40 CFR, Part 261, Subpart C,
heavy metals per table 1, TCLP method

acc. to ICEA S-95-658 (WC70)

approved for class 1 div 2 hazardous location
acc. to NEC article 501 (TC)

acc. to NEC article 336 applications

RoHS and CE approval



Part no.	No. of triads x cross section n x AWG	Outer-Ø ca. mm ± 10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km
32120F7T013A18	1 x 3 x 18	0,331 - 8,41	-	59 - 75
32120F7T013A16	1 x 3 x 16	0,357 - 9,07	-	75 - 94
32120F7T013A14	1 x 3 x 14	0,387 - 9,83	-	98 - 146

Other dimension and colours available on request.