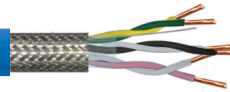


GAALFLEX® SAFE CY TP

paired PVC control cable blue outer sheath and overall copper screen, 300/500 V

ELETTROTEK KABEL® GAALFLEX® SAFE CY TP



Construction:

Conductor:	flexible red copper conductor Cl.5, acc.to IEC 60228, DIN VDE 0295
Insulation:	PVC type Yl2 acc. to DIN VDE 0207 part 4
Colour cores:	acc. to DIN 47100
Stranding:	cores twisted in pairs, pairs stranded layers
Screen:	tinned copper braid + PETP foil
Outer sheath:	blue (RAL 5015) PVC type YM2 acc. to DIN VDE 0207 part 5

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 332-1-2
EN 60332-1-2
IEC 60332-1-2

Technical data:

Nominal voltage:	< 0,34 mm ² = 250 V max.350 V ≥ 0,34 mm ² = 300 / 500 V
Test voltage:	< 0,34 mm ² = max. 800 V ≥ 0,34 mm ² = max. 1,2 kV
Temperature range	
<i>Fixed laying:</i>	-30°C up to +80°C
<i>Flexible installation:</i>	+5°C up to +80°C
Min. bending radius	
<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	10 x d
Radiation resistance:	up to 80 x 10 ⁶ cJ/kg (up to 80 Mrad)

Features:

for hazardous areas to hazard type -i-
for intrinsically safe circuits,
acc. to DIN EN 60079-14 and IEC 60079-14
section 12.2.2., VDE 0165 part 1

RoHS and CE approval



Part no.	No.of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.®)
34030DB4022M05	2 x 2 x 0,5	8	47	89	20
34030DB4032M05	3 x 2 x 0,5	8,4	67	104	20
34030DB4042M05	4 x 2 x 0,5	9,1	80	126	20
34030DB4062M05	6 x 2 x 0,5	10,7	108	171	20
34030DB4082M05	8 x 2 x 0,5	13	129	251	20
34030DB4102M05	10 x 2 x 0,5	14,2	172	282	20
34030DB4122M05	12 x 2 x 0,5	14,4	235	261	20
34030DB4162M05	16 x 2 x 0,5	17,7	301	445	20
34030DB4202M05	20 x 2 x 0,5	19,2	343	525	20
34030DB4242M05	24 x 2 x 0,5	20,7	394	590	20
34030DB4252M05	25 x 2 x 0,5	20,9	406	622	20
34030DB4022M07	2 x 2 x 0,75	8,7	60	105	19
34030DB4032M07	3 x 2 x 0,75	9,2	80	128	19
34030DB4042M07	4 x 2 x 0,75	10	110	156	19
34030DB4062M07	6 x 2 x 0,75	11,1	142	216	19
34030DB4082M07	8 x 2 x 0,75	14,6	200	308	19
34030DB4102M07	10 x 2 x 0,75	16	238	355	19
34030DB4122M07	12 x 2 x 0,75	16,4	270	405	19
34030DB4162M07	16 x 2 x 0,75	20	342	560	19
34030DB4202M07	20 x 2 x 0,75	21,6	369	671	19
34030DB4242M07	24 x 2 x 0,75	24,3	451	795	19
34030DB4252M07	25 x 2 x 0,75	24,4	461	803	19

Other dimensions and colors available on request.