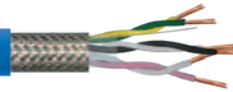


GAALFLEX® SAFE CYTP

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 TYPEY12, 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 TYPEYM2 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	
FIXED LAYING:	- 30°C UP TO + 80°C
FLEXIBLE INSTALLATION:	+ 5°C UP TO + 80°C
MIN. BENDING RADIUS	
FIXED LAYING:	5 x D
FLEXIBLE INSTALLATION:	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.