Pair-Colour code according to DIN 47100
with colour repetition from pair no. 45 and above

Electronic control and computer cable: **pair** stranding

The insulation of the conductor gives the first basic colour. The codes of the multi-coloured identification are combined with a basic colour and colour rings. The second colour is printed on the basic colour as a form of ring.

The ring width is 2–3 mm. A less unsharpness on the edge of the identification colour and a minor pledging of both half-rings are permitted.

The cores are to be counted continuously through all layers at the same direction, beginning with the outer layer towards inside.

Pair-stranding			core	colour
Pair-no.				
1	23	45	a	white
			b	brown
2	24	46	a	green
			b	yellow
3	25	47	a	grey
			b	pink
4	26	48	a	blue
			b	red
5	27	49	a	black
			b	violet
6	28	50	a	grey-pink
			b	red-blue
7	29	51	a	white-green
			b	brown-green
8	30	52	a	white-yellow
			b	yellow-brown
9	31	53	a	white-grey
			b	grey-brown
10	32	54	a	white-pink
			b	pink-brown
11	33	55	a	white-blue
			b	brown-blue

Pair-stranding			core	colour
Pair-no.				
12	34	56	a	white-red
			b	brown-red
13	35	57	a	white-black
			b	brown-black
14	36	58	a	grey-green
			b	yellow-grey
15	37	59	a	pink-green
			b	yellow-pink
16	38	60	a	green-blue
			b	yellow-blue
17	39	61	a	green-red
			b	yellow-red
18	40	62	a	green-black
			b	yellow-black
19	41	63	a	grey-blue
			b	pink-blue
20	42	64	a	grey-red
			b	pink-red
21	43	65	a	grey-black
			b	pink-black
22	44	66	a	blue-black
			b	red-black

Colour code as per DIN 47002
YV-Equipment wires
(for twin colour cables, the base colour is underlined)

ws	white	br	brown
gn	green	ge	yellow
gr	grey	rs	pink
bl	blue	rt	red
sw	black	vi	violet
wsbr	white-brown	wsgn	white-green
wsge	white-yellow	wsbl	white-blue
wsrt	white-red	wssw	white-black
brgn	brown-green	brge	brown-yellow
brbl	brown-blue	brsw	brown-black
gnge	green-yellow	gnrt	green-red
gnsw	green-black	gebl	yellow-blue
gert	yellow-red	gesw	yellow-black
grrt	grey-red	grsw	grey-black
rssw	pink-black	rsvi	pink-violet
blrt	blue-red	rtsw	red-black
virt	violet-red		

Colour code for YR-Bell Sheathed Cables

2 x 0,8: bk, bu
3 x 0,8: bk, bu, bn
4 x 0,8: bk, bu, bn, ye
5 x 0,8: bk, bu, bn, ye, gn
6 x 0,8: bk, bu, bn, ye, gn, vt
8 x 0,8: bk, bu, bn, ye, gn, vt, wh, og
10 x 0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy
12 x 0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy, rd, lbu
14 x 0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy, rd, lbu, cog, lgn
16 x 0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy, rd, lbu, cog, lgn, lrd, lye

X