

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			colour	
Pair-no.	core			
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			colour	
Pair-no.	core			
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
<u>wsbr</u>	<u>white-brown</u>	<u>wsgn</u>	<u>white-green</u>
<u>wsge</u>	<u>white-yellow</u>	<u>wsbl</u>	<u>white-blue</u>
<u>wsrt</u>	<u>white-red</u>	<u>wssw</u>	<u>white-black</u>
<u>brgn</u>	<u>brown-green</u>	<u>brge</u>	<u>brown-yellow</u>
<u>brbl</u>	<u>brown-blue</u>	<u>brsw</u>	<u>brown-black</u>
<u>gnge</u>	<u>green-yellow</u>	<u>gnrt</u>	<u>green-red</u>
<u>gnsw</u>	<u>green-black</u>	<u>gebl</u>	<u>yellow-blue</u>
<u>gert</u>	<u>yellow-red</u>	<u>gesw</u>	<u>yellow-black</u>
<u>grrt</u>	<u>grey-red</u>	<u>grsw</u>	<u>grey-black</u>
<u>rsw</u>	<u>pink-black</u>	<u>rsvi</u>	<u>pink-violet</u>
<u>blrt</u>	<u>blue-red</u>	<u>rtsw</u>	<u>red-black</u>
<u>virt</u>	<u>violet-red</u>		

Colour code for YR-Bell Sheathed Cables

2x0,8: bk, bu
 3x0,8: bk, bu, bn
 4x0,8: bk, bu, bn, ye
 5x0,8: bk, bu, bn, ye, gn
 6x0,8: bk, bu, bn, ye, gn, vt
 8x0,8: bk, bu, bn, ye, gn, vt, wh, og
 10x0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy
 12x0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy, rd, lbu
 14x0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy, rd, lbu, cog, lgn
 16x0,8: bk, bu, bn, ye, gn, vt, wh, og, tr, gy, rd, lbu, cog, lgn, lrd, lye