

# Colour code according to DIN 47100

## with colour repetition from core no. 45 and above

Electronic control and computer cable: **single cores** 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 and third 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.

No.	Basic-Ring-colours	No.	Basic-Ring-colours	No.	Basic-Ring-colours	No.	Basic-Ring-colours
1	white	17	white-grey	33	green-red	45	white
2	brown	18	grey-brown	34	yellow-red	46	brown
3	green	19	white-pink	35	green-black	47	green
4	yellow	20	pink-brown	36	yellow-black	48	yellow
5	grey	21	white-blue	37	grey-blue	49	grey
6	pink	22	brown-blue	38	pink-blue	50	pink
7	blue	23	white-red	39	grey-red	51	blue
8	red	24	brown-red	40	pink-red	52	red
9	black	25	white-black	41	grey-black	53	black
10	violet	26	brown-black	42	pink-black	54	violet
11	grey-pink	27	grey-green	43	blue-black	55	grey-pink
12	red-blue	28	yellow-grey	44	red-black	56	red-blue
13	white-green	29	pink-green			57	white-green
14	brown-green	30	yellow-pink			58	brown-green
15	white-yellow	31	green-blue			59	white-yellow
16	yellow-brown	32	yellow-blue			60	yellow-brown
						61	white-grey

# Colour code adapted\* to DIN 47100

## without colour repetition

No.	Basic-Ring-colours	No.	Basic-Ring-colours	No.	Basic-Ring-colours	No.	Basic-Ring-colours
1	white	17	white-grey	33	green-red	45	white-brown-black
2	brown	18	grey-brown	34	yellow-red	46	yellow-green-black
3	green	19	white-pink	35	green-black	47	grey-pink-black
4	yellow	20	pink-brown	36	yellow-black	48	red-blue-black
5	grey	21	white-blue	37	grey-blue	49	white-green-black
6	pink	22	brown-blue	38	pink-blue	50	brown-green-black
7	blue	23	white-red	39	grey-red	51	white-yellow-black
8	red	24	brown-red	40	pink-red	52	yellow-brown-black
9	black	25	white-black	41	grey-black	53	white-grey-black
10	violet	26	brown-black	42	pink-black	54	grey-brown-black
11	grey-pink	27	grey-green	43	blue-black	55	white-pink-black
12	red-blue	28	yellow-grey	44	red-black	56	pink-brown-black
13	white-green	29	pink-green			57	white-blue-black
14	brown-green	30	yellow-pink			58	brown-blue-black
15	white-yellow	31	green-blue			59	white-red-black
16	yellow-brown	32	yellow-blue			60	brown-red-black
						61	black-white

\* deviation to DIN, without colour repetition, from core no. 45 and above