PUR sheathed control cable
FABER® 100 P



Application: In dry and wet environment as well as outdoors under medium mechanical stress. For the connection of electrical tools with improved oil-, abrasion- and impact-resistance.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	special PVC-compound
Sheathing material:	polyurethan
Colour of outer sheath:	grey RAL 7001
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	EN 60811-404
Ozone-resistant:	DIN EN 60811-2-1(A)
For outdoor use:	yes
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-5 - +80 °C
Bending radius, fixed installation:	4 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FABER® 100 P

Nominal voltage Uo:	300 V
Nominal voltage U:	500 V
Protective conductor:	yes
Core identification:	green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ibl [A]	Ø [mm]	Cu	G [kg]
032790	02X0.5	39	9	4.8	10	38
032791	03G0.5	39	9	5.1	15	47
032792	04G0.5	39	9	5.7	19.2	58

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part no.	part name	Rl [Ohm/km]	Ibl [A]	Ø [mm]	Cu	G [kg]
032052	05G0.5	39	9	6.2	24	59
032793	07G0.5	39	9	7.2	34	86
034349	08G0.5	39	9	8.1	38.4	105
032794	10G0.5	39	9	8.8	48	115
032795	12G0.5	39	9	9.1	58	137
034350	14G0.5	39	9	9.5	67.2	170
032796	18G0.5	39	9	10.7	87	200
034351	21G0.5	39	9	12.1	101	225
032797	25G0.5	39	9	13.2	120	259
034352	30G0.5	39	9	13.5	144	315
032798	34G0.5	39	9	14.7	164	370
032799	41G0.5	39	9	15.7	197	400
034353	42G0.5	39	9	15.8	202	415
034354	50G0.5	39	9	17.5	240	550
032800	02X0.75	26	12	5.4	14.4	43
032801	03G0.75	26	12	5.7	22	55
032802	04G0.75	26	12	6.2	29	67
032803	05G0.75	26	12	6.8	36	83
032804	07G0.75	26	12	7.5	50	106
034355	08G0.75	26	12	8.7	58	111
032805	10G0.75	26	12	9.6	72	151
032806	12G0.75	26	12	9.9	86.4	181
034356	14G0.75	26	12	10.4	101	202
032807	18G0.75	26	12	11.9	130	255
034357	21G0.75	26	12	13.3	151.2	269
032808	25G0.75	26	12	14.5	180	325
034358	30G0.75	26	12	15.1	216	400
032810	41G0.75	26	12	17.4	295.2	529
032811	02X1	19.5	15	5.7	19.2	53
032812	04G1	19.5	15	6.6	38.4	85
031717	03G1	19.5	15	6	29	61
034897	05G1	19.5	15	7.1	48	89
032813	07G1	19.5	15	8.1	67	126
034361	08G1	19.5	15	9.4	77	131
032814	10G1	19.5	15	10.2	96	186
032815	12G1	19.5	15	10.7	115.2	219
034362	14G1	19.5	15	11.5	134.4	230
032816	18G1	19.5	15	12.9	173	309
034363	21G1	19.5	15	14.1	196	306
032817	25G1	19.5	15	14.9	240	414
034364	32G1	19.5	15	16.7	308	620
032818	34G1	19.5	15	17.4	326.4	592
032819	41G1	19.5	15	18.8	397	638
034740	42G1	19.5	15	18.8	403.2	730
034366	50G1	19.5	15	20.9	480	890
032820	02X1.5	13.3	18	6.2	29	77
032821	03G1.5	13.3	18	6.6	43.2	92
032822	04G1.5	13.3	18	7.2	58	110
032823	05G1.5	13.3	18	8	72	132
032010	07G1.5	13.3	18	9.2	101	159
034367	08G1.5	13.3	18	10.5	115.2	199
034368	10G1.5	13.3	18	11.4	144	245
032824	12G1.5	13.3	18	12	173	290
034369	14G1.5	13.3	18	12.5	202	347
032825	18G1.5	13.3	18	14.1	260	422

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part no.	part name	Rl [Ohm/km]	Ibl [A]	Ø [mm]	Cu	G [kg]
034370	21G1.5	13.3	18	14.1	302.4	534
032826	25G1.5	13.3	18	16.8	360	594
034371	30G1.5	13.3	18	18.1	432	800
032827	34G1.5	13.3	18	19.5	490	799
032828	41G1.5	13.3	18	21.3	590.4	867
034372	42G1.5	13.3	18	21.1	605	1100
034373	50G1.5	13.3	18	25.4	720	1250
034374	02X2.5	13.3	26	7.8	48	110
032829	03G2.5	7.98	26	8.3	72	149
034962	03G2.5 GE	18.1	26	10.8	72	186
032830	04G2.5	7.98	26	9.2	96	175
032831	05G2.5	7.98	26	10.1	120	204
032832	07G2.5	7.98	26	11.2	168	280
032833	12G2.5	7.98	26	15.3	288	489
034375	18G2.5	7.98	26	18.2	432	740
034376	25G2.5	7.98	26	22.3	600	1095
034377	02X4	7.98	34	9.6	77	147
034378	03G4	7.98	34	10.4	115.2	228
032834	04G4	4.95	34	11.4	154	266
032835	05G4	4.95	34	12.7	192	315
032836	07G4	4.95	34	14	269	435
034379	03G6	3.3	44	12.1	173	362
032837	04G6	3.3	44	13.4	230.4	383
032838	05G6	3.3	44	14.9	288	477
035250	05G6 GE	3.3	44	14.9	288	477
032839	07G6	3.3	44	16.5	403.2	663
034380	03G10	1.91	61	15.2	288	555
032840	04G10	1.91	61	16.9	384	679
032841	05G10	1.91	61	18.7	480	840
032842	07G10	1.91	61	20.9	672	1112
032843	04G16	1.21	82	19.8	614.4	1059
034382	05G16	1.21	82	22.2	768	1400
034383	07G16	1.21	82	29.3	1075	1800
034414	04G25	0.78	108	29.4	960	1590
034415	04G35	0.554	135	32.8	1344	2200
034416	04G50	0.386	168	38.9	1920	2400
034417	04G70	0.272	207	44.7	2688	4400
034418	04G95	0.206	205	59.6	3648	6000

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

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