

YSLY

PVC insulated/sheathed and numbered cores



Benefits

- Space saving due to small cable diameter

Application range

- Used as a connection cable for measuring, monitoring and control connections in industrial machineries, heating and air refrigeration systems, office equipment, etc.
- Dry or damp interiors under medium mechanical load conditions
- Fixed installations as well as for occasional flexing at free, non-continuously recurring movement without tensile load

Product features

- Flame-retardant acc. to IEC 60332-1-2
- UV resistant can be used outdoor
- With or without protective conductor gn/ye

Product Make-up

- Fine strands of bare copper wires
- PVC core insulation
- Core twisted in layers
- PVC outer sheath, grey or black

Info

- Small cable diameter
- UV-resistant

Technical data

- Classification**
ETIM 5.0 Class-Description: Control cable
ETIM 5.0 Class-ID: EC000104
- Core identification code**
Black core with white numbers
- Conductor stranding**
Fine wire acc. to IEC 60228 Cl.5
- Minimum bending radius**
Occasional flexing: 20 x outer diameter
Fixed installation: 10 x outer diameter
- Nominal voltage**
U₀/U: 300/500 V
- Protective conductor**
G = with protective conductor GN/YE;
X = without protective conductor
- Temperature range**
Fixed installation: -20°C to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
YSLY					
3802002	2 X 0.75	5.4	grey	14.4	50
3802003	3 G 0.75	5.7	grey	21.6	59
3802004	4 G 0.75	6.2	grey	28.8	71
3802005	5 G 0.75	6.7	grey	36.0	86
3802007	7 G 0.75	7.3	grey	50.4	104
3802010	10 G 0.75	9.6	grey	72.0	156
3802012	12 G 0.75	9.9	grey	86.4	178
3802015	15 G 0.75	11.1	grey	108.0	231
3802016	16 G 0.75	11.1	grey	115.2	239
3802052	2 X 1.0	5.7	grey	19.2	58
3802053	3 G 1.0	6.0	grey	28.8	70
3802054	4 G 1.0	6.5	grey	38.4	84
3802055	5 G 1.0	7.2	grey	48.0	101
3802057	7 G 1.0	8.0	grey	67.2	132
3802062	12 G 1.0	10.5	grey	115.2	124
3802066	16 G 1.0	11.8	grey	153.6	272
3802102	2 X 1.5	6.3	grey	28.8	71
3802103	3 G 1.5	6.7	grey	43.2	87
3802104	4 G 1.5	7.2	grey	57.6	106
3802105	5 G 1.5	8.1	grey	72.0	133
3802107	7 G 1.5	8.9	grey	100.8	171
3802108	8 G 1.5	10.0	grey	115.2	218
3802109	9 G 1.5	10.7	grey	129.6	256
3802112	12 G 1.5	11.4	grey	172.8	285
3802114	14 G 1.5	12.6	grey	201.6	329
3802153	3 G 2.5	8.1	grey	72.0	135
3802154	4 G 2.5	8.9	grey	96.0	166
3802155	5 G 2.5	10.0	grey	120.0	208
3802162	12 G 2.5	14.8	grey	288.0	438
3802157	7 G 2.5	11.1	grey	168.0	269
3802168	18 G 2.5	17.8	grey	432.0	661
3802543	3 G 4	9.9	grey	115.2	201
3802544	4 G 4	10.8	grey	153.6	249
3802553	3 G 6	11.8	grey	172.8	289

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
3802554	4 G 6	13.0	grey	230.4	365
3802564	4 G 10	16.2	grey	384.0	590
3802574	4 G 16	18.9	grey	614.4	1,087
3802584	4 G 25	23.5	grey	960.0	1,582
3802002B	2 X 0.75	5.4	black	14.4	50
3802003B	3 G 0.75	5.7	black	21.6	59
3802004B	4 G 0.75	6.2	black	28.8	71
3802005B	5 G 0.75	6.7	black	36.0	86
3802007B	7 G 0.75	7.3	black	50.4	104
3802010B	10 G 0.75	9.6	black	72.0	156
3802012B	12 G 0.75	9.9	black	86.4	178
3802015B	15 G 0.75	11.1	black	108.0	231
3802016B	16 G 0.75	11.1	black	115.2	239
3802052B	2 X 1.0	5.7	black	19.2	58
3802053B	3 G 1.0	6.0	black	28.8	70
3802054B	4 G 1.0	6.5	black	38.4	84
3802055B	5 G 1.0	7.2	black	48.0	101
3802057B	7 G 1.0	8.0	black	67.2	132
3802062B	12 G 1.0	10.5	black	115.2	214
3802066B	16 G 1.0	11.8	black	153.6	272
3802102B	2 X 1.5	6.3	black	28.8	71
3802103B	3 G 1.5	6.7	black	43.2	87
3802104B	4 G 1.5	7.2	black	57.6	106
3802105B	5 G 1.5	8.1	black	72.0	133
3802107B	7 G 1.5	8.9	black	100.8	171
3802108B	8 G 1.5	10.0	black	115.2	218
3802109B	9 G 1.5	10.7	black	129.6	256
3802112B	12 G 1.5	11.4	black	172.8	285
3802114B	14 G 1.5	12.6	black	201.6	329
3802153B	3 G 2.5	8.1	black	72.0	135
3802154B	4 G 2.5	8.9	black	96.0	166
3802155B	5 G 2.5	10.0	black	120.0	208
3802162B	12 G 2.5	14.8	black	288.0	438
3802157B	7 G 2.5	11.1	black	168.0	269
3802168B	18 G 2.5	17.8	black	432.0	661

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
 • Photographs are not to scale and do not represent detailed images of the respective products.