PUR-YELLOW

with inner sheath

TECHNICAL DATA

PUR control and connection cable in alignment with DIN VDE 0285-525-1 / DIN EN 50525-1

Temperature range	flexible -15°C to +80°C fixed -40°C to +80°C
Nominal voltage	AC U_0/U 300/500 V
Test voltage core/core	3000 V
Breakdown voltage	6000 V
Minimum bending radius	flexible 7.5x Outer-Ø fixed 4x Outer-Ø

CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: Special-PVC in alignment with DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type TI2)
- Core identification acc. to DIN VDE 0293-308,
  2 - 5 core(s): colour coded
  7 core(s): black cores with consecutive labeling in white digits
- Protective conductor: starting with 3 cores,
  G = with protective conductor GN-YE,
  x = without protective conductor
- Cores stranded with optimal lay lengths
- Inner sheath: PVC
- Outer sheath: PUR acc. to DIN VDE 0207-363-10-2 / DIN EN 50363-10-2 (compound type TMPU)
- Sheath colour: yellow (RAL 1021)
- Length marking: in metres

PROPERTIES

- resistant to: oil, UV radiation, ozone, oxygen, weathering effects, hydrolysis, microbes, coolants, hydraulic fluids, acids, alkalis, greases, seawater and wastewater
- highly abrasion-resistant, notch-resistant, tear-resistant, cut-resistant, wear-resistant
- for outdoor use
- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- UV-resistant acc. to DIN EN ISO 4892-2
- weather-resistant acc. to DIN EN ISO 4892-2
- certifications and approvals:
  EAC

APPLICATION

Robust control cable that offers high oil, abrasion and notch resistance. Areas of application are tool and machine construction, shipyards, rolling mills, steelworks, construction sites, oil production and coal extraction. Also suitable as hand-held device cable and extension cable for in-house areas. Recommended if contact with coolants may occur.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

Part no.	No. cores x cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
22200	2 x 0.75	19	6.9	14.4	50.0
22201	3 G 0.75	19	7.2	21.6	70.0
22202	4 G 0.75	19	7.9	28.8	80.0
22203	5 G 0.75	19	8.5	36.0	100.0
22204	7 G 0.75	19	9.8	50.0	140.0
22205	2 x 1	18	7.2	19.2	63.0
22206	3 G 1	18	7.7	29.0	76.0
22207	4 G 1	18	8.3	38.0	95.0
22208	5 G 1	18	9.1	48.0	120.0
22209	7 G 1	18	10.5	67.0	170.0
22210	2 x 1.5	16	8.0	29.0	80.0
22211	3 G 1.5	16	8.4	43.0	105.0

Part no.	No. cores x cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
22212	4 G 1.5	16	9.2	58.0	135.0
22213	5 G 1.5	16	9.9	72.0	158.0
22214	7 G 1.5	16	11.9	101.0	221.0
22215	2 x 2.5	14	9.4	48.0	150.0
22216	3 G 2.5	14	9.9	72.0	173.0
22217	4 G 2.5	14	10.9	96.0	203.0
22218	5 G 2.5	14	12.1	120.0	253.0
22219	7 G 2.5	14	14.1	168.0	356.0
22221	4 G 4	12	12.7	153.6	310.0
22222	5 G 4	12	13.9	192.0	370.0
22233	4 G 35	2	28.9	1344.0	2100.0

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