

RT 113 D



Marking for RT 113 D 07981201:

SAB BRÜCKSKES · D-VIERSEN · 07981201 12 x 0.14 mm² RT 113 D 26 AWG/12c 07982612 AWM Style 2464 80°C 300V CE

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Colour code:	acc. to colour code US 2 see page N/11
Stranding:	specially adjusted layering with netting tape over each layer and one additional non-woven tape over the outer layer
Screen:	wrapped with bare copper wires
Wrapping:	non-woven tape
Sheath material:	PVC, TM5 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour:	black (RAL 9005)

Outstanding features:

- rugged and reliable
- torsion angle up to $\pm 270^\circ$ over 0,5 m
- EAC approval

Technical data:

Voltage:	UL: 300 V
Peak operating voltage:	max. 350 V
Testing voltage U:	1500 V acc. to DIN VDE 0472 part 509 core/screen 1200 V
Torsion angle:	up to $\pm 270^\circ/0,5$ m (tested)
Min. bending radius:	continuously flexible 12 x d / from 34 cores 20 x d
Temperature range	UL DIN VDE
<i>fixed laying:</i>	up to +80°C -40/+70°C
<i>flexible application:</i>	up to +80°C + 5/+70°C
Fire performance:	acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1
Oil resistance:	very good - TM5 acc. to DIN VDE 0281 part 1 + HD 21.1
Continuous flexibility:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

Art.-Nr.	Aderzahl x Querschnitt n x mm ²	Größter Einzeldraht ø mm	Außen-ø $\pm 5\%$ mm	Cu-Zahl kg/km	Leitungs-gewicht \approx kg/km
07981201	12 x 0,14	0,11	8,8	32,2	85
07982502	25 x 0,25	0,11	12,0	96,7	187

Other dimensions and colours are possible on request.



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for applications
on robots!**