

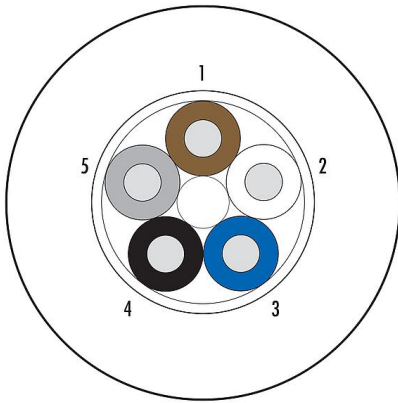
Product data sheet

Cable



Product description	Contacts: 5 wires, shielded, Standard, PVC, grey (RAL 7000), 5 x 0.25 mm², 100 m
Area	Shielded cable
Part no.	08 3091 000 000

Illustration



Technical data

General features

Part no.	08 3091 000 000
	Alternative part no.: 52 0608 000
Cable length	100 m (Other lengths are available on request.)
Version	Raw cable
Weight (g)	5083.00
Customs tariff number	85444995
Country of Origin	DE

Electrical parameters

EMC compliance	shielded
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Material

REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Classifications

eCl@ss 11.1	27-44-01-90
ETIM 9.0	EC002638

Cable data - Structure of the cable

Cable type	Standard
Cable diameter	5.7 mm

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Area Part no.	Shielded cable 08 3091 000 000

Cross section	5 x 0.25 mm ²
Sheath material	PVC
Single-lead insulation	PVC Y17 (105 °C) according to VDE 0281 part 1 + class 43 according to UL1581 (SR-PVC, Y17-Y18)
Single-lead structure	32 x 0.10 mm
Cable color	grey (RAL 7000)

Cable data - Electrical properties

Cable Insulation resistance	> 100 Ω/Km
Operating voltage	≤ 300 V
Cable test voltage	≥ 2500 V effective
Conductor resistance	75 Ω/Km (20°C)

Cable data - Mechanical properties

Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø
Bending cycles	> 2 million
Permitted acceleration	max. 5 m/s ² + 1 m/s ²
Travel distance, horizontal	at 5 m/s ² -> 5 m
Travel distance, vertical	at 5 m/s ² -> 2 m
Travel speed	at 5 m horizontal path -> 200 m/min

Cable data - Thermal properties

Temperature range cable in move from/to	-5 °C / 105 °C
Temperature range cable fixed from/to	-40 °C / 105 °C (UL +105 °C)

Cable data - Other features

Halogen free	no
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