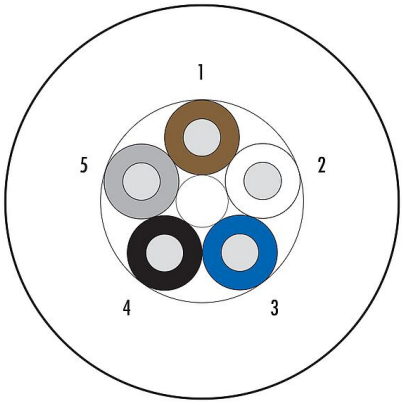
Product data sheet
Cable

Product description	**Contacts: 5 wires, unshielded, Standard, PUR, black (RAL 9005), 5 x 0.34 mm², 100 m**
Area	**Unshielded cable**
Part no.	**08 3082 000 000**

Illustration



Technical data

General features

Part no.	**08 3082 000 000** Alternative part no.: 52 0556 000
Cable length	100 m (Other lengths are available on request.)
Version	Raw cable
Weight (g)	3495.00
Customs tariff number	85444995
Country of Origin	DE

Electrical parameters

EMC compliance	unshielded

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	5.0 mm

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Cross section	5 x 0.34 mm²
Sheath material	PUR
Single-lead insulation	PP9Y halogen-free
Single-lead structure	43 x 0.10 mm
Cable color	black (RAL 9005)

Cable data - Electrical properties

Cable Insulation resistance	> 1000 Ω/Km
Operating voltage	≤ 300 V
Cable test voltage	≥ 2000 V effective
Conductor resistance	60 Ω/Km (20°C)

Cable data - Mechanical properties

Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø
Bending cycles	> 5 million
Permitted acceleration	5 m/s²
Travel distance, horizontal	at 5 m/s² -> 5 m
Travel distance, vertical	at 5 m/s² -> 2 m
Travel speed	at 5 m horizontal path -> 200 m/min

Cable data - Thermal properties

Temperature range cable in move from/to	-25 °C / 90 °C (UL +80 °C)
Temperature range cable fixed from/to	-50 °C / 90 °C (UL +80 °C)

Cable data - Other features

Halogen free	yes