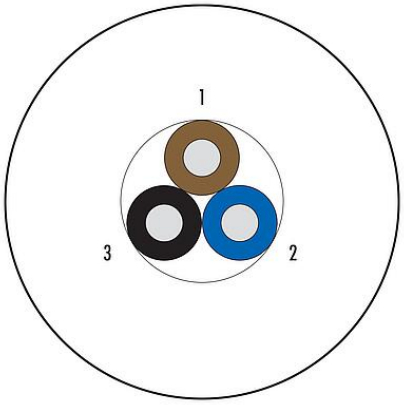
Product data sheet
Cable

Product description	**Raw cable, Contacts: 3 wires, unshielded, Standard, PVC, grey, 3 x 0.34 mm², 100 m**
Area	**PVC cable**
Series	**769**
Part no.	**08 3083 000 000**

Illustration (may vary)



Technical data

General features

Part no.	08 3083 000 000
Connector design	Raw cable
Cable length	100 m
Version	Raw cable
Weight (g)	3023.00
Customs tariff number	85444995

Electrical parameters

EMC compliance	unshielded

Material

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

Cable data - Structure of the cable

Cable type	Standard
Cable diameter	4.5 mm
Cross section	3 x 0.34 mm²
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	42 x 0.10 mm

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Cable color	grey

Cable data - Electrical properties

Cable Insulation resistance	> 200 Ω/Km
Operating voltage	≤ 300 V
Cable test voltage	≥ 2500 V effective
Conductor resistance	57 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/s² + 1 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	-5 °C / 105 °C
Temperature range cable fixed from/to	-40 °C / 105 °C (UL +105 °C)

Cable data - Other features

Halogen free	no

Classifications

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