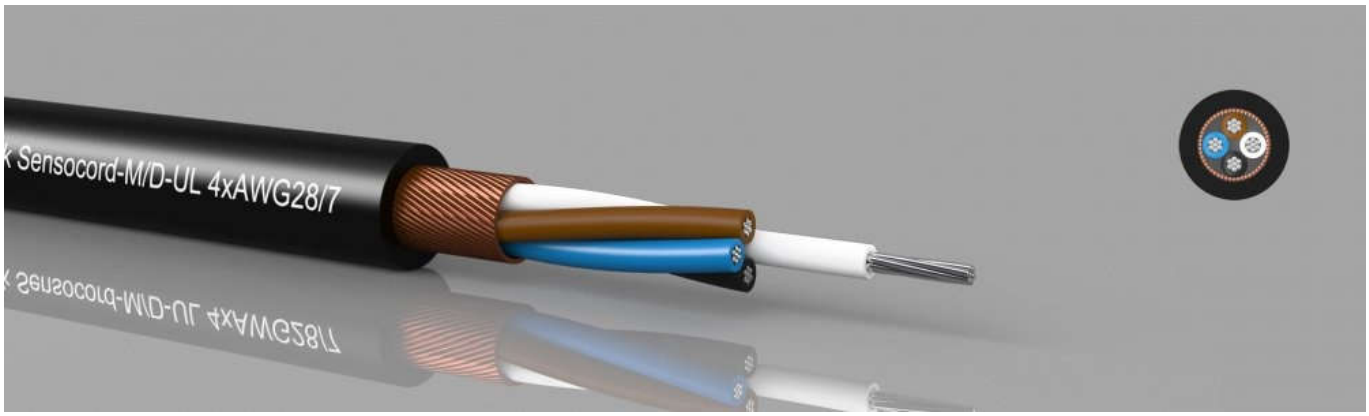
kabeltronik®

quality at the highest level



✓ installation ✓ mobile ✓ halogen free ✓ FRNC ✓ outdoor ✓ RoHS ✓ REACH ✓ CE ✓ ✓

Sensocord®-M/D-UL 5 x AWG 28

Style 20549 - 10954 shielded, halogen-free, flame retardant
Order-No. 24205D800

Application / Description

Drag chain suitable miniature sensor cable with UV-resistant PUR-outer jacket. Mechanical durability and a very good stability against oils, will distinguish this line for the industrial handling

Variant data

O.D.	approx. 2,90 mm
weight	15,5 kg/km
Cu-weigth	9,0 kg/km
skinning tool (jacket)	40026
skinning tool (core)	20310

Construction / data

Conductor	tinned stranded copper wire
Structure of conductor	7 x 0,127 mm
Cross section	0,09 qmm
Core-Ø	approx. 0,65 mm
AWG	28
Core insulation	PP - 9Y
Colour sequence	brown, blue, black, white, grey
Insulation resistance	> 200 MOhm x km at + 20°C
Twisting	cores in layers
Overall shield	bare copper spiral screen
Outer jacket	PUR - 11Y
Outer jacket colour	black, sim. RAL 9005
Dimension	5 x AWG 28

Technical characteristics

Flammability	flame retardant acc. to IEC 60332-1-2 and to FH (UL), FT-2 (cUL)
Temperature range	static: -30 °C to +80 °C dynamic: -10 °C to +80 °C
Bending radius static	> 10 x O.D.
Bending radius dynamic	> 15 x O.D.
Operating voltage	300 V
Testing voltage	2.000 V
Insulation resistance	> 200 MOhm x km at + 20°C
Conductor resistance	max. 210,0 Ohm/km

Packaging

Spools at 100m
Lower and upper lengths according to availability. Special packaging on request.

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!
Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel

© kabeltronik® Arthur Volland GmbH
Mühlweg 6, 85095 Denkendorf
Tel.: 08466 - 9404-0
E-Mail: info@kabeltronik.de