

Data sheet | Item number: 756-1203/060-050

ETHERNET/PROFINET cable, straight; 5 m; fitted on both ends; D-coded;
M12 plug, straight; M12 plug, straight



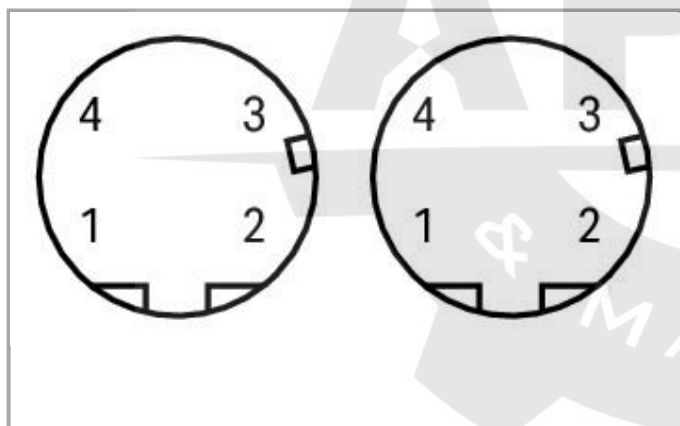
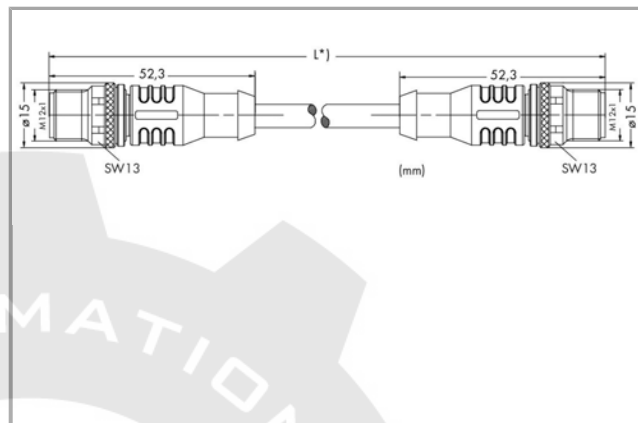
756-1203/060-050



RoHS
Compliant

BOMcheck.net

Color: ■



Pin 1 ... 4: 0,34 mm ²			
1	■	gelb	■ 1
2	■	weiss	■ 2
3	■	orange	■ 3
4	■	blau	■ 4
Schirm			

Item description

Short description:

- PUR GN, halogen-free
- CAT 5e ES
- Suitable for drag chains
- Silicon- and CFC-free
- Good resistance to microbes, hydrolysis, oil, ozone, chemicals and UV radiation
- Cable used: UL listed

Data

Technical Data

Connection type	M12 plug - M12 plug
No. of poles	4
Leitungsanschlussrichtung zur Steckrichtung	0°
Leitungsanschlussrichtung zur Steckrichtung (2)	0°
Steckgesichtskodierung Leitung/Adapter 1 1	D coded
Steckgesichtskodierung Leitung/Adapter 2 1	D coded
Cable length	5 m
Communication/Fieldbus	Ethernet
Communication/Fieldbus (2)	PROFINET IO
Operating voltage	250 V
Operating current	4 A
Rated surge voltage	2 kV
Contact resistance	10 MΩ
Insulation resistance	$\geq 5 \times 10^8 \Omega/\text{km}$
Resistance of conductor	$< 57 \Omega/\text{km}$

Mechanical data

bending radius	single: min. 5 x cable Ø; multiple: min. 7.5 x cable Ø
Bending cycles	3 Mio.
Schleppkettentauglichkeit	yes
Durchmesser der Mantelleitung	6.3 ... 6.7 mm
Bauartkurzzeichen	02YH(ST)C11Y 2x2x0,75/1.5-100 LI GN VZN FRNC, geschirmt
Screening	Overlapped aluminum-laminated foil and tinned copper braid, optical coverage approx. 85 %
Conductor design	Bare copper wire (7 x 0.25 mm)
Leiterisolierung	PE halogenfrei
Housing material	TPU/TPU, black (~ RAL 9005)
Tightening torque	1 Nm
Weight	350 g
Color	green

Environmental Requirements

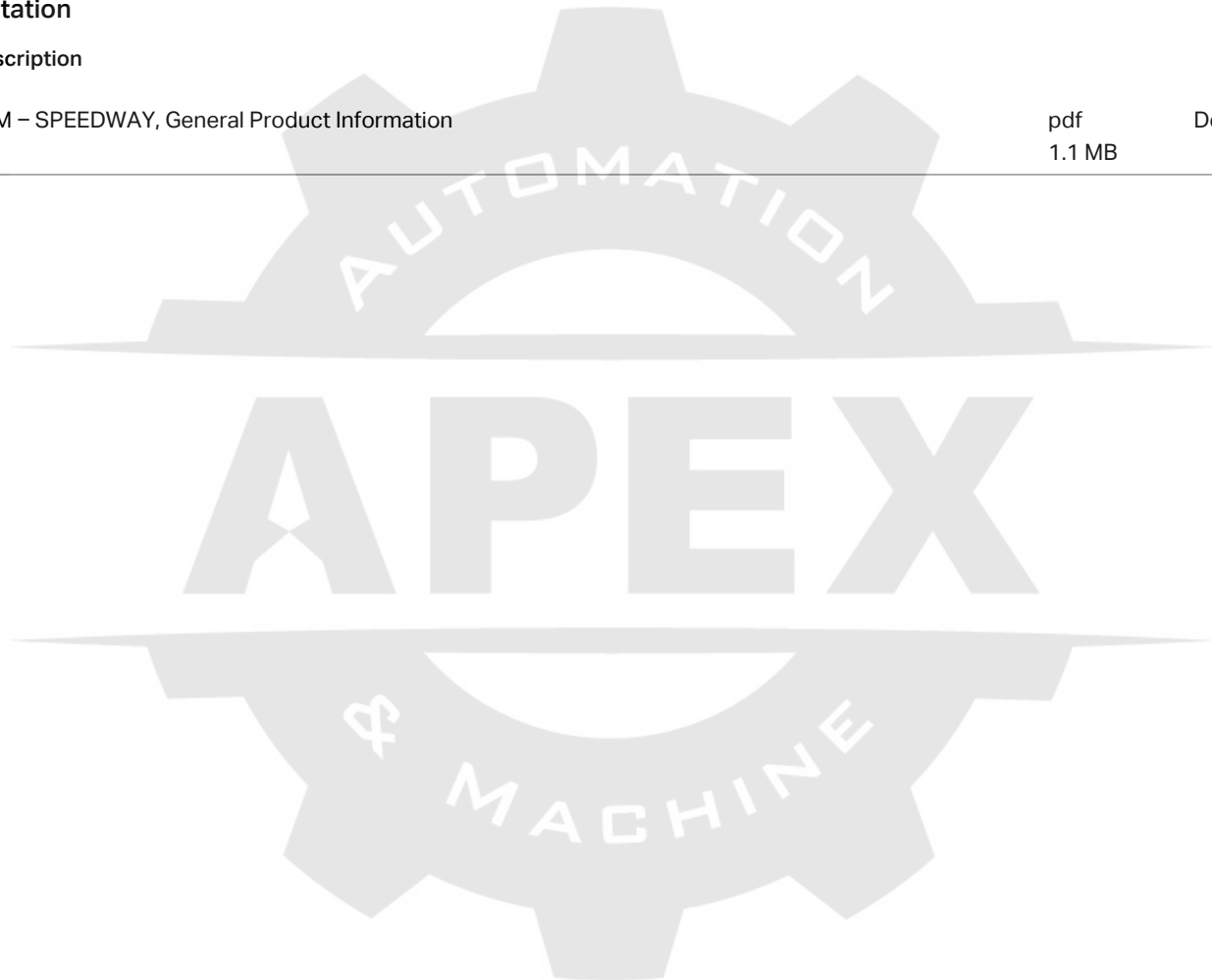
Umgebungstemperatur (Betrieb) bewegt	-40 ... +70 °C
Umgebungstemperatur (Betrieb) ruhend	-40 ... +70 °C
Protection class	IP67
Degree of pollution (5)	3/2 per IEC 60664-1

**Commercial data**

Country of origin	DE
GTIN	4045454521844
Customs Tariff No.	85444290900

Downloads**Documentation****System Description**

I/O-SYSTEM – SPEEDWAY, General Product Information	pdf 1.1 MB	Download
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Subject to changes.