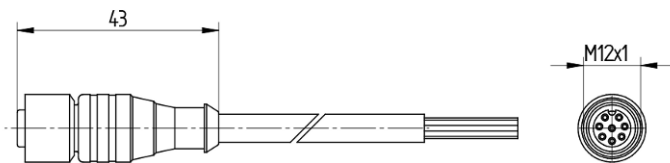


Technical Data
S80-2M
Connection Line
M12 × 1; 8-pin



EN



Technical data

Electrical Data

Supply Voltage	≤ 36 V AC/DC
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Mechanical Data

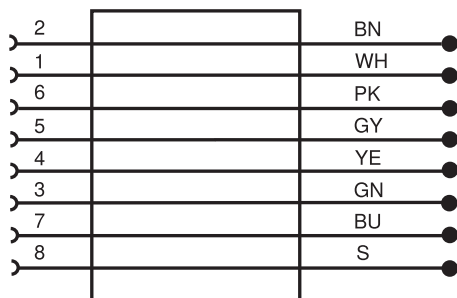
Connection 1	Socket, straight
Connection mode 1	M12 × 1, 8-pin
Connection 2	stripped
Torque	M12: 0,5 Nm
Coding	A-coding
Cable length (L)	2 m
Outer diameter (d)	6 mm
Wire cross-section	0.25 mm ²
Degree of Protection	IP67
Temperature Range	-25...80 °C
Cable Jacket Material	Plastic, PUR
Material Wire Insulation	Plastic, PP
Material Sleeve Nut	Brass, nickel-plated
Equipment	Shielded
Halogen-free	yes
Drag Chain Suitable	yes
Bending radius (fixed installation)	> 5 × d
Bending radius (used in motion)	> 10 × d
Travel speed (with 5 m horizontal travel distance)	≤ 3,3 m/s
Acceleration	≤ 5 m/s ²
Bending cycles	> 2000000

General Data

Scope of delivery	1 × line
Packaging unit	1 Piece

* Per terminal

Technical illustrations



Pin	Wire color
1	White

Pin	Wire color
2	Brown
3	Green
4	Yellow
5	Gray
6	Pink
7	Blue
8	Shielding