wenglor
the innovative family

Technical Data

ZAS89R701
Connection Line

M12 × 1; 8-pin



EN

Dimensions in mm
Subject to change without notice
Version 1
www.wenglor.com

Technical data

Electrical Data	
Supply Voltage	≤ 30 V AC/DC

Mechanical Data	
Connection 1	Socket, straight
Connection mode 1	M12 × 1, 8-pin
Connection 2	stripped
Torque	M12: 0,6 Nm
Coding	A-coding
Cable length (L)	20 m
Outer diameter (d)	6.6 mm
Wire cross-section	0.25 mm²
Degree of Protection	IP67
Temperature range (fixed installation)	-30...80 °C
Temperature range (moving application)	-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/s²
Bending cycles	> 2000000

General Data	
Scope of delivery	1 × line
Packaging unit	1 Piece
New pin assignment	X

* Per terminal

Technical illustrations



Pin	Wire color
1	Brown
2	White
3	Blue
4	Black
5	Gray
6	Pink
7	Violet
8	Orange
	Shielding