

DV1201



LED strip RGBW

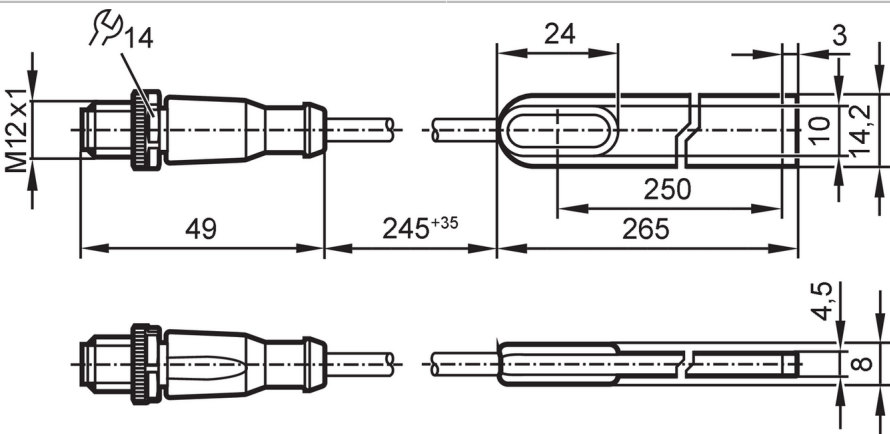
LED-Strip-RGBW-transp-250mm-fb

Article to be discontinued

Alternative articles: DV1251

When selecting an alternative article and accessories please note that technical data may differ!

IO-Link-capable with DP1615



Application

Special feature	Free from silicone; gold-plated contacts; Drag chain suitability
Application	signaling machine conditions; sanitary and wet areas in the food industry
Free from silicone	yes

Electrical data

Operating voltage	[V]	21.6...26.4 DC
Nominal voltage DC	[V]	24; (to SELV/PELV)
Current consumption	[mA]	360
Max. current consumption	[mA]	360; (red: 80; green: 80; blue: 80; white: 120)
Color temperature	[K]	7500
Luminous flux	[lm]	red: 184.96; green: 572; blue: 116; white: 768.32
Note on luminous flux	[lm]	luminous flux indications refer to one meter of LED strip
Typ. lifetime	[h]	38000

Inputs

Input circuit of digital inputs	24 V PNP
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Operating conditions

Ambient temperature	[°C]	-20...45
Max. relative air humidity	[%]	90
Max. height above sea level	[m]	4000
Protection		IP 68
Pollution degree		2

Tests / approvals

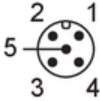
Approval	EN 62471; IEC 62031
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Mechanical data		
Weight	[g]	61
Dimensions	[mm]	265 x 14.2 x 4.5
Material		housing: TPU (urethane)
Molded-body material		PVC
Material nut		stainless steel (1.4404 / 316L)
Sealing material		EPDM
Drag chain suitability		yes
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²
	Bending cycles	> 1 Mio.
	Torsional strain	± 180 °/m
Displays / operating elements		
Display	signaling machine conditions	LED, multi-color RGB
	mounting light	LED, white
Remarks		
Notes	IO-Link-capable with DP1615	
Pack quantity	1 pcs.	
Electrical connection		
Cable: 0.3 m, PVC, orange, Ø 4.9 mm; 5 x 0.34 mm² (42 x Ø 0.1 mm)		
Connector: M12, straight; coding: A; Contacts: 5, gold-plated; Moulded body: PVC, orange; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Tightening torque: 0.6...1.5 Nm		
		
1	+ red	
2	+ green	
3	GND	
4	+ white	
5	+ blue	

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Diagrams and graphs

light intensity distribution curve

