DV1203

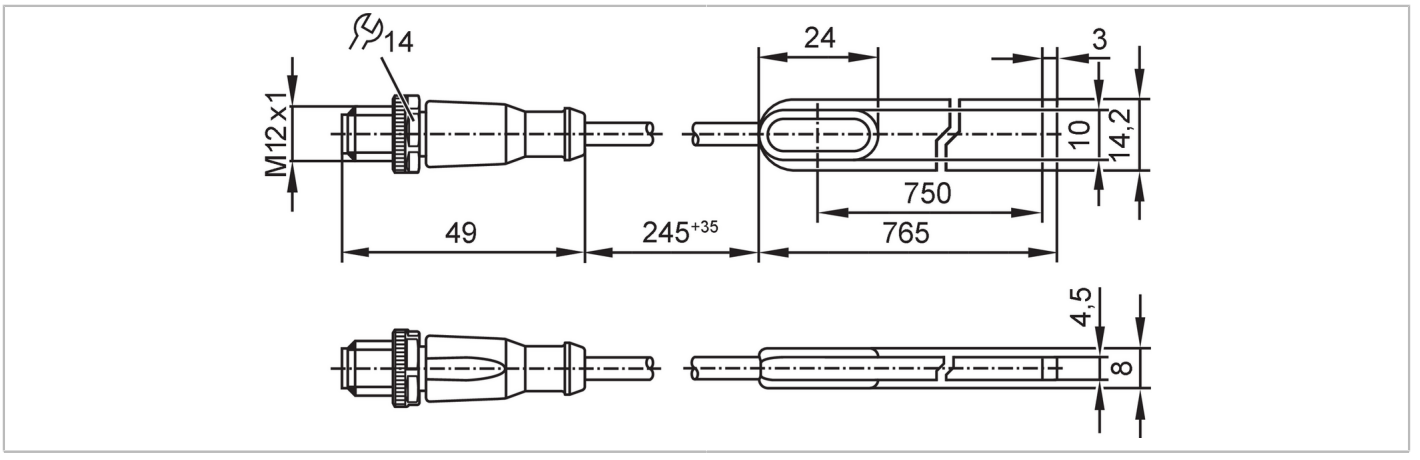
LED strip RGBW

LED-Strip-RGBW-transp-750mm-fb

phase-out article

Alternative articles: DV1253
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		signalling machine conditions; hygienic 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]	1080
Max. current consumption	[mA]	1080; (red: 240; green: 240; blue: 240; white: 360)
Colour 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
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

DV1203

LED strip RGBW

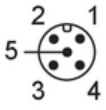
LED-Strip-RGBW-transp-750mm-fb

Mechanical data			
Weight	[g]	105	
Dimensions	[mm]	765 x 14.2 x 4.5	
Materials		housing: TPU	
Moulded-body material		PVC	
Material nut		stainless steel (316L/1.4404)	
Sealing material		EPDM	
Drag chain suitability		yes	
Drag chain suitability		bending radius for flexible use	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		signalling machine conditions	LED, multi-colour 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 (316L/1.4404); Sealing: EPDM; Tightening torque: 0.6...1.5 Nm



1	+ red
2	+ green
3	GND
4	+ white
5	+ blue

DV1203

LED strip RGBW

LED-Strip-RGBW-transp-750mm-fb

Diagrams and graphs

light intensity distribution curve

