

Shelf controller

LGT Lane-Control

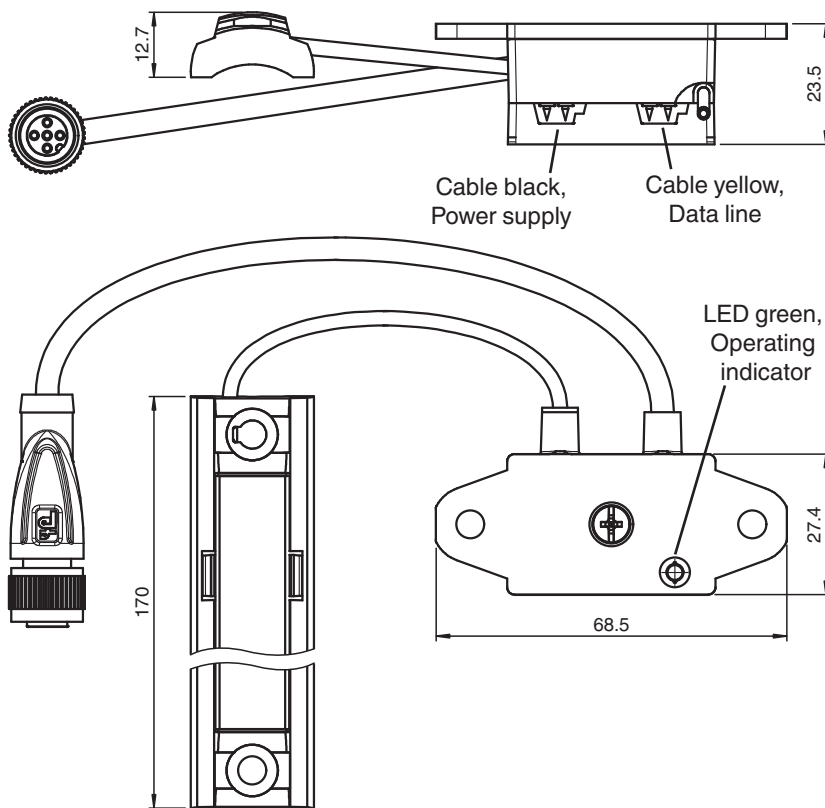


- For connection to sensor rail OGT
- Shelf controller with put-to-light display module

Shelf controller with display module for LGT series sensing strip



Dimensions



Technical Data

Indicators/operating means

Operation indicator	LED green
Function indicator	see LED module

Release date: 2020-09-11 Date of issue: 2020-09-11 Filename: 325098_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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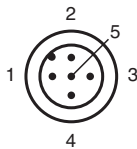
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Technical Data

Electrical specifications		
Operating voltage	U_B	24 V DC
Ripple		max. 10 %
No-load supply current	I_0	< 55 mA , LEDs in display module on
Protection class		III
Interface		
Interface type		RS485
Conformity		
Product standard		EN 60947-5-2
Approvals and certificates		
Protection class		III
CCC approval		CCC approval / marking not required for products rated ≤ 36 V
Ambient conditions		
Ambient temperature		0 ... 60 °C (32 ... 140 °F)
Storage temperature		-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications		
Housing width		23.5 mm
Housing height		68.5 mm
Housing depth		27.4 mm
Degree of protection		Shelf controller : IP54 , LED module : IP44
Connection		AS-Interface flat cable , connection of LED module to Lane-Control: 375 mm fixed cable , Connection of sensor rail to Lane-Control: fixed cable 250 mm with plug M12 x 1.5-pin , max. cable tensile force at the LED module: 20 20
Material		
Housing		PC (Polycarbonate)

Connection Assignment



Wire Colors and Pinout Information



















1	BN	UB+
2	WH	Data (CLK)
3	BU	0 V
4	BK	Input for sensor rail
5	GY	"Data" output (emitter selection)

Wire colors in accordance with EN 60947-5-2

Matching system components

	OGT110-1000-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-1100-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression

Matching system components

	OGT110-1200-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-1400-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-1600-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-1900-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-2100-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-2300-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-2500-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-2700-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-300-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-3000-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-3200-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-3400-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-500-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-800-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	OGT110-1200-LGT-0,2M-V15-IR	Sensing strip with triangulation sensor with background suppression
	Maincontroller ICO300-E3815	Industrial PC
	ST56EL-ETN- BZ-3-24-RAG	LED Ethernet stack light, 3 colors, 24 VDC
	HLG-240H-24ABL	Power supply, 230 VAC/24 VDC, nominal power 240 W, rated output current 10 A

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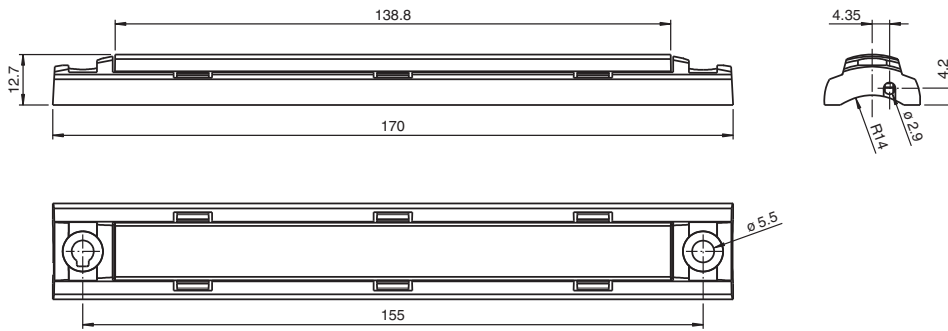
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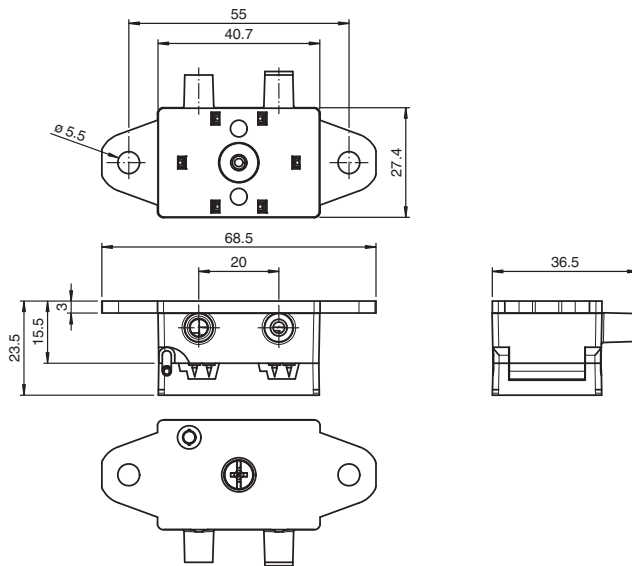
Component Dimensions and Information

LED Module



Signal Colors	Operating Indicators for Shelves
Green	- Shelf ready for loading - Loading correct
Red	Loading wrong
Orange	Wrong loading sequence, system state „WrongOrder“
Violet	Shelf blocked for loading

Controller



Safety Information



Note!

Property damage due to wrong connection sequence
 If you connect the product to electrical equipment while voltage is applied, this leads to damage of the electronic components contained.
 Never connect the product to other electrical equipment while voltage is applied.

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