

TLU

954151360

TLμ-515C

ALL REGISTRATION MARK DETECTION APPLICATIONS

OVERVIEW

- Teach-in, Remote settings
- Red/green or white LED emission
- Various interchangeable lenses and fiber-optic models
- Metal housing with orientable optics and connector

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	9mm
Spot dimension	Ø 3 mm
Sensitivity adjustment	Teach-in

Application

Function Principle	Contrast mark detection
Description	Standard case - circular spot
Optic position	axial

Functions	Contrast mark detection

Outputs

Output type	PNP L/D selectable
Output Function	L/D selectable
Response time	0,025 (20 kHz)

Electrical data

Operating Voltage	10…30VDC
No-Load supply current	≤ 80mA
Output voltage drop	≤2V
LED indicators	red OUTPUT greenREADY
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED White
Interference to external light	according to EN 60947-5-2 : 2020
Impulsive Overvoltage Protection	Yes
Insulation resistance	>20 MΩ 500 Vdc, between electronics and housing
Contact resistance	500 Vac 1 min., between electronics and housing

Mechanical data

Dimensions	31x58x82
Material	
Housing material	Metal - Zamak
Connections	M12 plug
Active Head Material	Glass
Storage temperature	- 20°C…+70°C
Diameter/Dimension	Cubic

Test/Approvals

Approvals	CE cULus
Shocks and vibrations	0.5 mm amplitude, 10 … 55 Hz frequency, for every axis (EN60068-2-6)

Generical Data

Dimensions	31x58x82
Operating Temperature	-10°C ... 55°C
Mechanical Protection	IP67

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