

RLK39-8-800/31/40a/116

Reflection light scanner

RLK39-8-800/31/40a/116

with terminal compartment

CE



- ◆ Sensing range up to 800 mm
- ◆ Pre-fault indication and output
- ◆ Light/dark ON, switchable
- ◆ Supplied with mounting accessory
- ◆ Protection degree IP66
- ◆ Direct/alternating voltage
- ◆ Relay output

Date of edition 04/05/03

General specifications

Detection range	0 ... 800 mm
Light source	IRED
Approvals	CE
Adjustment range	65 ... 800 mm
Reference target	standard white 200 mm x 200 mm
Light type	Alternating light
Ambient light limit	10000 Lux

Indicators/operating means

Function display	LED yellow: switching state LED red: pre-fault indication
Operating elements	sensitivity adjuster
Operating elements	Light/dark switch

Electrical specifications

Operating voltage	12 ... 240 V DC 24 ... 240 V AC 50 ... 60 Hz)
Ripple	10 %
No-load supply current I_0	≤ 35 mA
Power consumption P_0	≤ 3 VA
Time delay before availability t_v	≤ 50 ms

Output

Switching type	light/dark switching
Signal output	1 relay output / NO
Switching voltage	≤ 240 V AC ≤ 30 V DC
Switching current	≤ 3 A
Voltage drop U_d	≤ 3 V
Switching frequency f	≤ 25 Hz
Response time	≤ 20 ms

Standard conformity

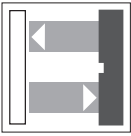
Standards	EN 60947-5-2
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Ambient conditions

Ambient temperature	-25 ... 55 °C (248 ... 328 K)
Storage temperature	-40 ... 55 °C (233 ... 328 K)

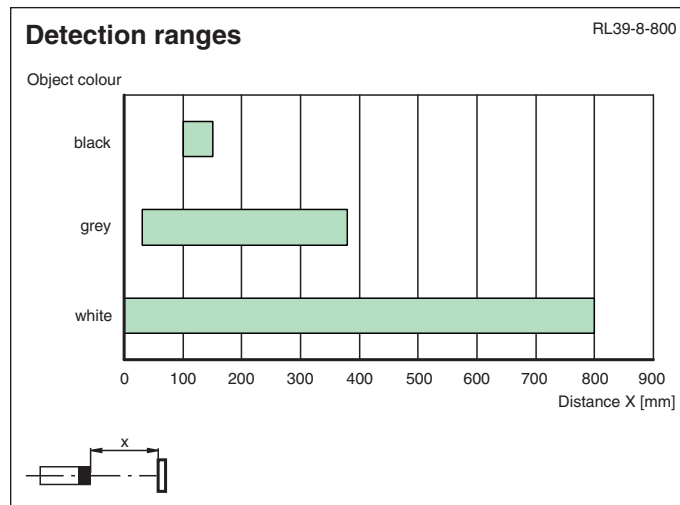
Mechanical specifications

Protection degree	IP50
Connection	terminal compartment PG9, ≤ 2.5 mm ²
Material	
Housing	PBT
Optical face	PMMA
Mass	110 g

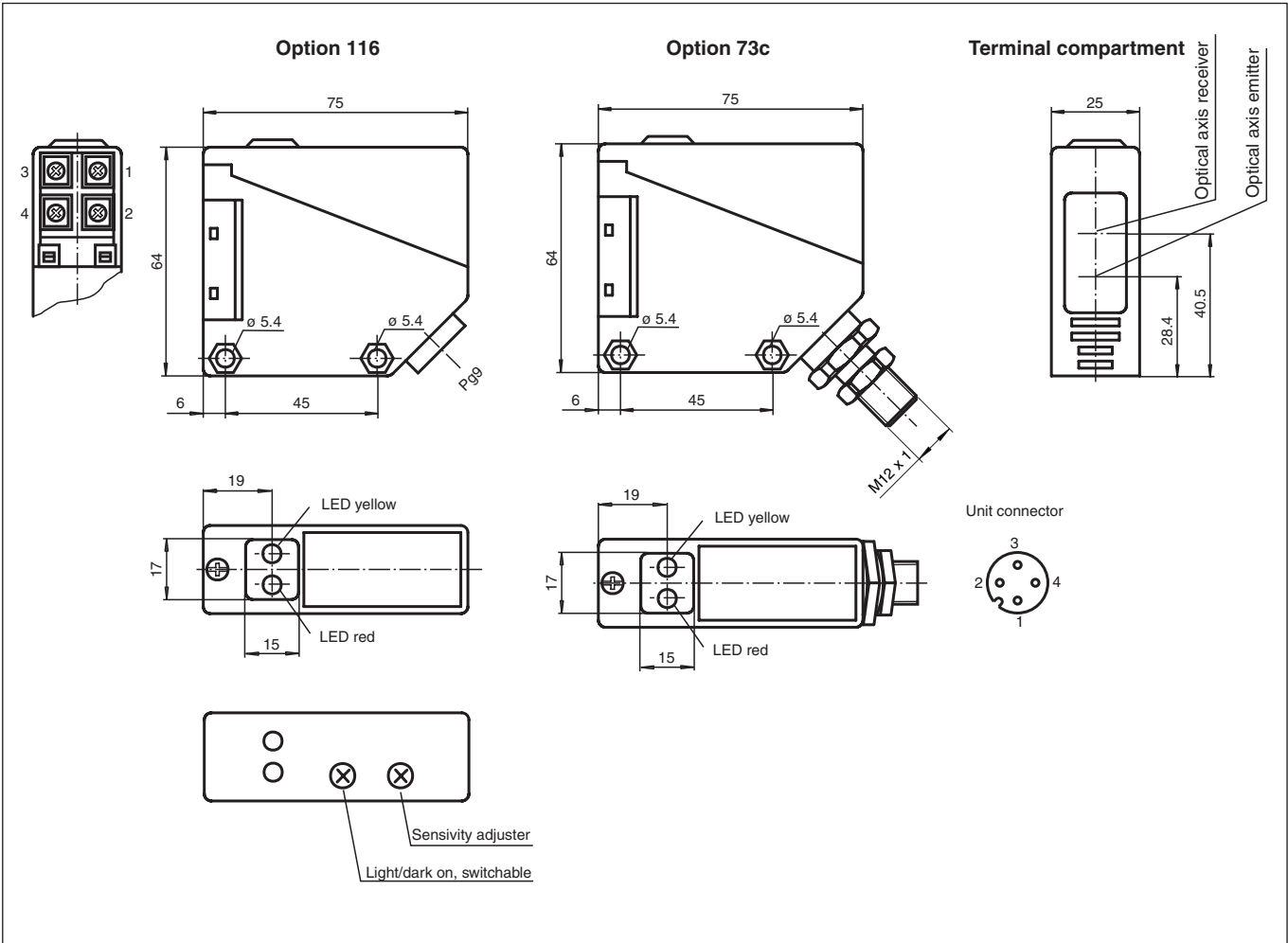


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Curves/Diagrams

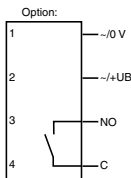


Dimensions



Electrical connection

31/40a



○ = light on, ● = dark on