




# OGT500



## Diffuse reflection sensor

OGT-FPKG/US100

Monitoring range		
Range	[mm]	2...800; (white paper 200 x 200 mm 90 % remission)
Factory setting		light-on mode
Range adjustable		yes
Max. light spot diameter	[mm]	66
Light spot dimensions refer to		at maximum range
Monitoring range final value	[mm]	150...800
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	473
Mechanical data		
Weight	[g]	59.2
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Material		stainless steel (1.4404 / 316L); PA; LCP; EPDM; TPU (urethane)
Lens material		PMMA
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Teach function		yes
Electronic lock		yes
Accessories		
Accessories (supplied)		lock nuts: 2 x
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12		
		

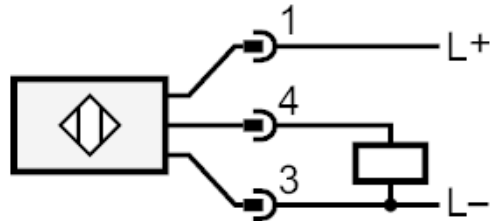
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### Diagrams and graphs

excess gain graph

