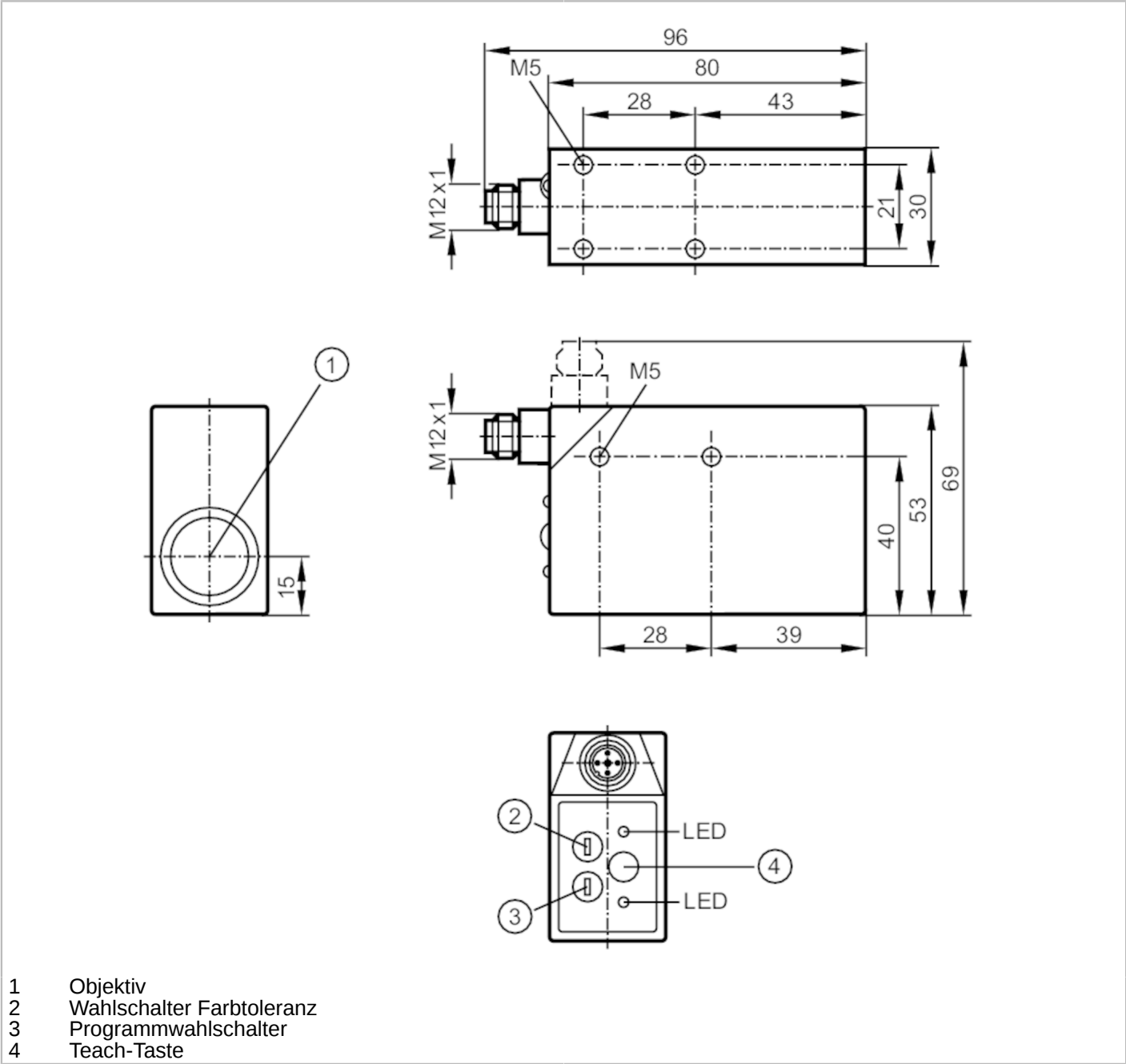




Color sensor

ODC-MPKG/US-100

Article no longer available - archive entry



Product characteristics	
Type of light	red light; green light; blue light
Housing	rectangular
Application	
Application	color recognition ; retro-reflective operation; diffuse reflection operation

OD5007



Color sensor

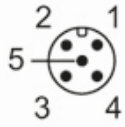
ODC-MPKG/US-100

Electrical data		
Operating voltage	[V]	12...30 DC
Max. residual ripple	[Vss]	5
Current consumption	[mA]	80
Protection class		II
Type of light		red light; green light; blue light
Typ. lifetime	[h]	100000
Reference temperature for service life	[°C]	25
Outputs		
Electrical design		PNP
Max. voltage drop switching output DC	[V]	2
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	1000
Monitoring range		
Range	[m]	0.25...1; (retro-reflective operation)
Range	[mm]	< 60; (diffuse reflection operation ± 9)
Max. light spot diameter	[mm]	13
Light spot dimensions refer to		Range
Reaction times		
Response time	[s]	0.7
Operating conditions		
Ambient temperature	[°C]	-10...55
Protection		IP 67
Max. immunity to extraneous light	[klx]	20
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		rectangular
Dimensions	[mm]	53 x 30 x 80
Material		diecast zinc
Lens material		glass
Displays / operating elements		
Display	Power	1 x LED, green
	Function	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12		

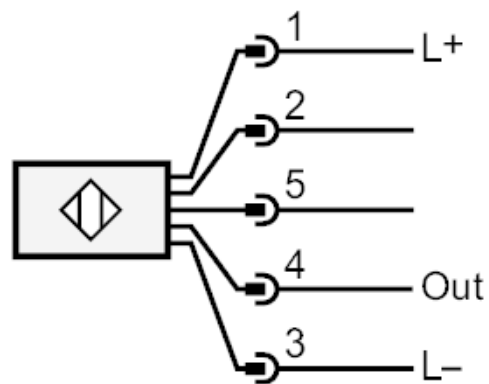
OD5007

Color sensor

ODC-MPKG/US-100



Connection



2	activation trigger AT
5	Eingang "External Teach"