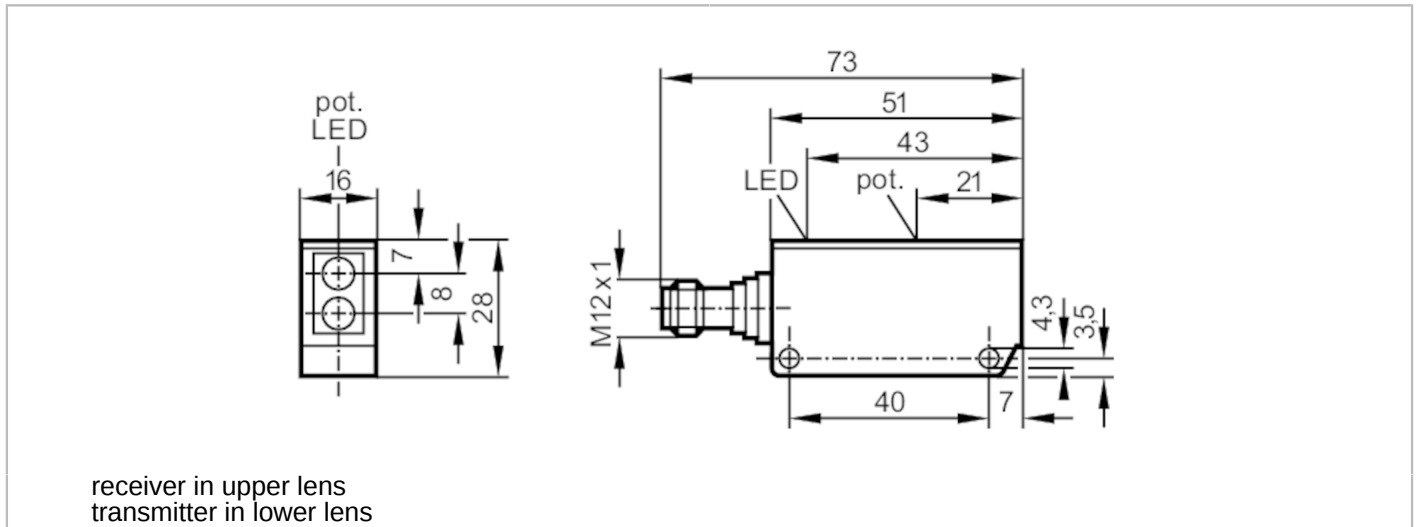


OU5064



Retro-reflective sensor

OUP-DPKG/US-100-DPS



Product characteristics	
Type of light	red light
Housing	rectangular
Dimensions [mm]	28 x 16 x 51
Application	
Special feature	polarisation filter
Function principle	Retro-reflective sensor
Electrical data	
Operating voltage [V]	10...55 DC
Current consumption [mA]	30; ((24 V))
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	660
Outputs	
Electrical design	PNP
Output function	dark-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	160
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes



Retro-reflective sensor

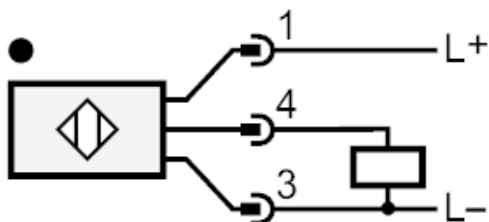
OUP-DPKG/US-100-DPS

Detection zone		
Range referred to prismatic reflector [m]	0.15...1.5; (Prismatic reflector Ø 80 E20005)	
Range adjustable	yes	
Max. light spot diameter [mm]	475	
Light spot dimensions refer to	at maximum range	
Polarisation filter available	yes	
Operating conditions		
Ambient temperature [°C]	-25...60	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	class B
	EN 55011	
MTTF [years]	687	
Mechanical data		
Weight [g]	75	
Housing	rectangular	
Dimensions [mm]	28 x 16 x 51	
Materials	PPO modified	
Lens material	glass	
Lens alignment	side lens	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)	Angle bracket: 1 x, E20211	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12		

Retro-reflective sensor

OUP-DPKG/US-100-DPS

Connection



Diagrams and graphs

excess gain graph

