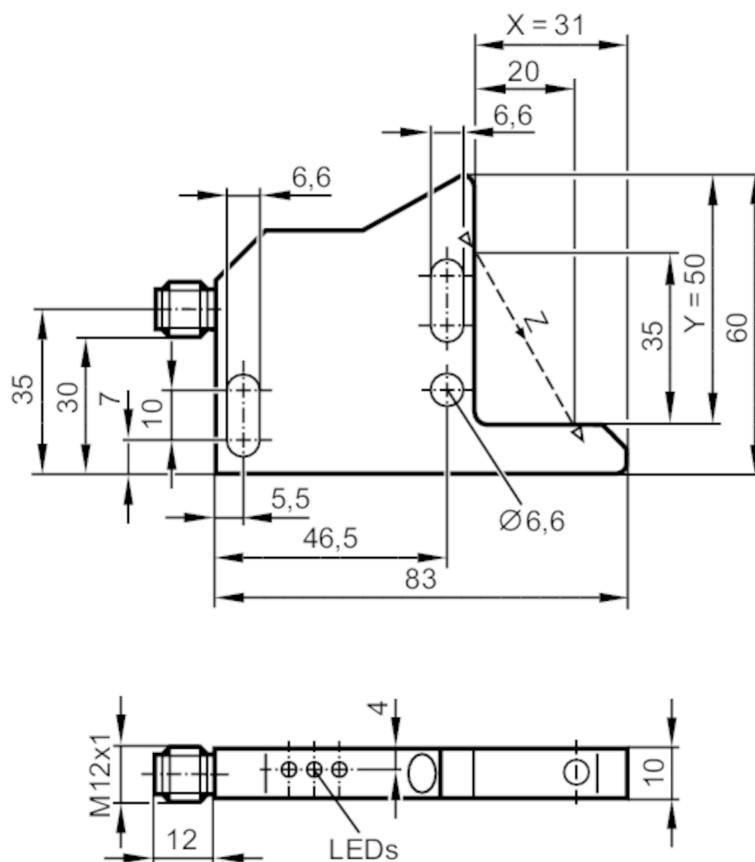


OPL205

Optical angle sensor

OPL-DPKG/US



Electrical data

Operating voltage	[V]	10...35 DC
Current consumption	[mA]	< 45
Protection class		III
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	870



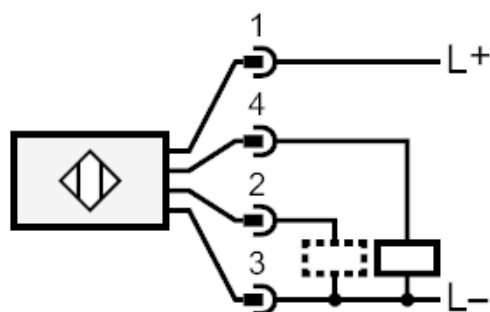
Optical angle sensor

OPL-DPKG/US

Outputs		
Electrical design	PNP	
Output function	dark-on mode	
Max. voltage drop switching output DC [V]	2	
Function check output	yes	
Max. current load for function check output [mA]	200	
Permanent current rating of switching output DC [mA]	200	
Switching frequency DC [Hz]	200	
Short-circuit protection	yes	
Type of short-circuit protection	pulsed	
Overload protection	yes	
Operating conditions		
Ambient temperature [°C]	-10...60	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
MTTF [years]	951	
Mechanical data		
Weight [g]	133.4	
Dimensions [mm]	60 x 10 x 83	
Side length X [mm]	31	
Side length Y [mm]	50	
Sensor width Z [mm]	40.31	
Materials	housing: diecast zinc; lens: glass	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12		
		



Connection



2 Function check output