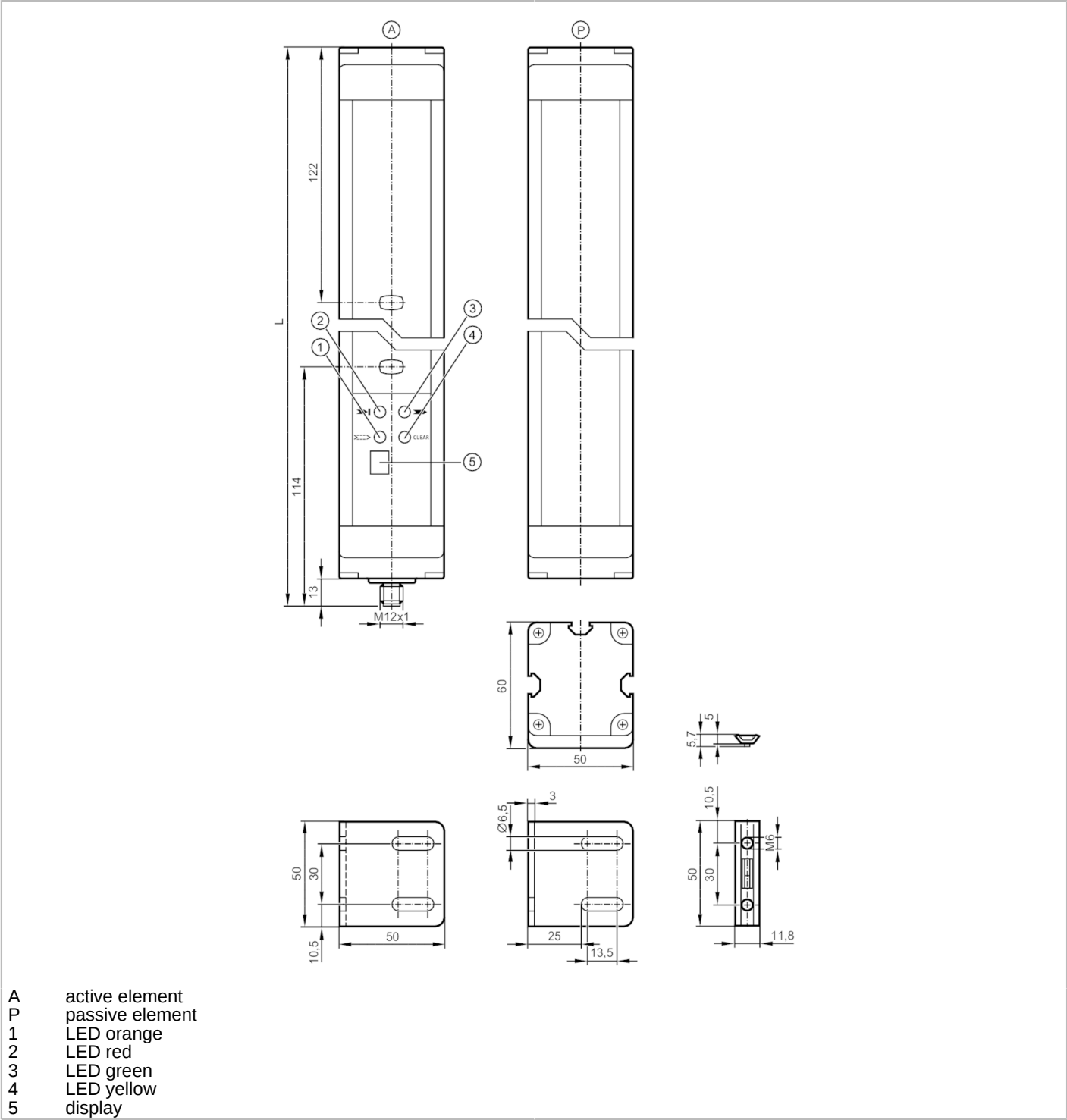




Захисні світлові решітки

OYD0810-03-4-06-P-1

For 8-pole sockets the core colours are not standardised.
Please note the wiring of the sensor and the sockets (see data sheet).



Product characteristics

Type of light	infrared light
Electrical design	PNP



Захисні світлові решітки

OYD0810-03-4-06-P-1

Protection		IP 65	
Application			
Protective function		access prevention body protection	
Electrical data			
Operating voltage tolerance [%]		20	
Operating voltage [V]		24 DC	
Current consumption [mA]		250	
Protection class		III	
Reverse polarity protection		yes	
Power-on delay time [s]		< 10	
Type of light		infrared light	
Wave length [nm]		950	
Outputs			
Electrical design		PNP	
Number of OSSD outputs		2	
Max. current load per OSSD output [mA]		500; (24 V)	
Short-circuit protection		yes	
Detection zone			
Protected area height [mm]		810	
Number of beams		3	
Protection area width (low light intensity) [m]		0...6	
Protection area width (high light intensity) [m]		0...6	
Active/passive system		yes	
Response times			
Response time [ms]		10.5	
Operating conditions			
Applications		class C to EN 60654-1 weatherproof application	
Ambient temperature [°C]		-10...55	
Max. relative air humidity [%]		95	
Protection		IP 65	
Tests / approvals			
EMC		IEC 61496-1	
Shock resistance		IEC 61496-1	
Vibration resistance		IEC 61496-1	
Safety classification			
ESPE type (IEC 61496-1)		4	
Complies with the requirements		ISO 13849-1: 2015 category 4, PL e	
		IEC 61508 SIL 3	
		IEC 62061 SIL 3	
Mission time TM [h]		175200	
PFH [1/h]		4,9E-09	

OY902S



Захисні світлові решітки

OYD0810-03-4-06-P-1

Mechanical data		
Weight	[g]	7290
Dimensions	[mm]	1036 x 50 x 60
Materials		housing: aluminium; front pane: PC
Length L	[mm]	1036

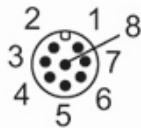
Displays / operating elements		
Display	transmitter	4 x LED
	transmitter	LC display

Аксессуары		
Items supplied		mounting bracket: 6
		slot nuts: 6

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Maximum cable length: 100 m; for wire cross-section 1 mm²



Connection

