



Diffuse reflection sensor

OPT-FBOW/3L/TW3M

Article no longer available - archive entry

Alternative articles: OM0010

When selecting an alternative article and accessories please note that technical data may differ!

No scale drawing available

Product characteristics

Type of light	infrared light
Housing	rectangular

Application

Function principle	Diffuse reflection sensor
--------------------	---------------------------

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC
Current consumption	[mA]	14; ((24 V))
Protection class		II
Type of light		infrared light
Wave length	[nm]	880

Outputs

Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output AC	[V]	4
Permanent current rating of switching output AC	[mA]	350
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	15
Short-circuit protection		no
Overload protection		no



Diffuse reflection sensor

OPT-FBOW/3L/TW3M

Detection zone		
Range	[mm]	< 3000; (white paper 200 x 200 mm)
Range adjustable		yes
Operating conditions		
Ambient temperature	[°C]	-20...80
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		rectangular
Dimensions	[mm]	86 x 28 x 142
Materials		PPO modified
Lens material		glass
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection		
terminals: ...1.5 mm²		
Connection		

