

## 1.1.2.9 IPM Industrial High Power Sensor

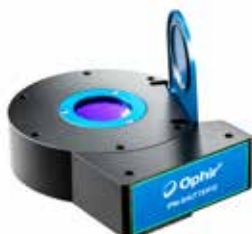
### 1.1.2.9.2 IPM-SHUTTER10 Shutter Assembly for IPM-10KW

For usage in a dirty industrial environment, the IPM-10KW can be fitted with an automated dust tight shutter assembly to protect the unit from dust and debris. The shutter unit has a built-in scatter shield and includes a field replaceable antireflection coated protective window.

#### Features

- Built-in scatter shield
- Antireflective coated window <sup>(a)</sup>
- Motorized dust-resistant shutter
- IP62 rated

IPM-Shutter10



IPM-10KW with IPM-Shutter10



With shutter open



Model	IPM-SHUTTER10		
Use	Enhances IPM-KW sensor with IP62 ingress protection, and additional reduction of back		
Control	Via host IPM-10KW unit		
Aperture mm	Ø45mm		
Backscattered Power <sup>(b)</sup>	~ 1%		
Weight kg	2		
Connectors	Connection to IPM-10KW unit – D9		
Part Numbers and Optional Accessories	Name	Description	P/N
	IPM-SHUTTER10	Combined protective shutter. Includes built in scatter shield	7Z08409
	IPM-SHUTTER10 Window replacement kit	Replacement anti reflective coated window	7Z08411
Related Products	Name	Description	P/N
	IPM-10KW	IPM industrial laser power sensor	7Z07106
	IPM-COM-Profinet	Profinet communications adapter with AIDA connectors	7Z08404
	IPM-COM-EtherNet/IP-M	EtherNet/IP communications adapter with M connectors	7Z08405

Note: (a) When working at 10.6µm (CO<sub>2</sub>), the window should be removed.

Note: (b) Using built in scatter shield, use the NIRS or CO<sub>2</sub>S setting to compensate for slightly higher reading.

#### IPM-SHUTTER10

