Always close to the action

Fiber-optic amplifiers for precise object detection

- Intelligent clamping system simplifies installation
- Fast set-up thanks to intuitive menu navigation and OLED display
- Two switching outputs enable fast processes and diagnostics
- Useful maintenance functions help ensure system availability

IP65

IO-Link

ifm – close to you!

Connection	Order no.
Cable 2.0 m	**OCF500**
M8 connector	**OCF501**
M12 pigtail	**OCF502**

Convenient installation and operation

The OCF fibre-optic amplifier is ideal for detecting even the smallest or most transparent objects in confined spaces. It makes proven fibre optic technology easier and more user-friendly than ever before.

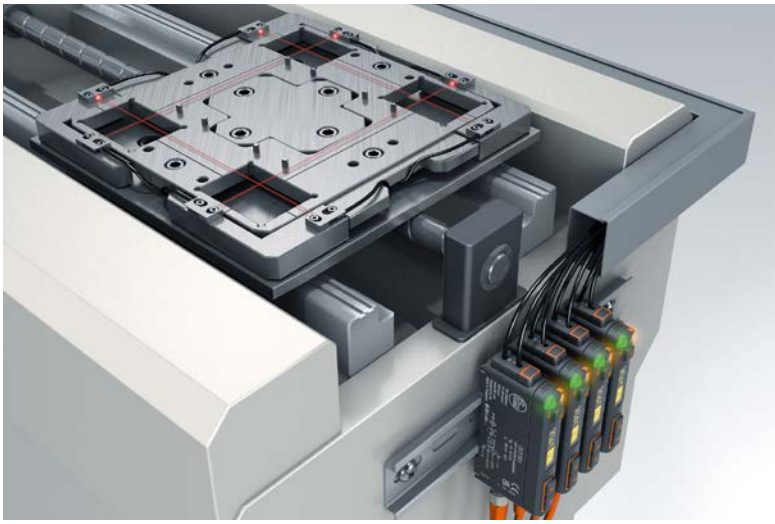
This becomes clear right from installation: two spring-loaded locating lugs allow the OCF to be mounted on a DIN rail with one hand. The fibrelock system simplifies mounting and securing of the fibre optics. Thanks to its OLED display and guided installation menu, the device is very easy to configure.

Visit our website to discover which maintenance functions the OCF uses to ensure optimal performance and support high system availability.

The perfect fibre optics for every requirement

Are you looking for fibre optics that can withstand high temperatures, aggressive chemicals, or the mechanical stress of drag chains – and are flexible enough to bend around even the smallest radii? Our online shop offers a wide selection of fibre optics.

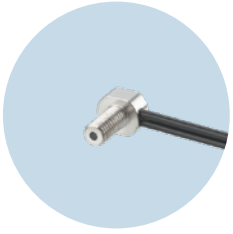
Common technical data		
Outputs		2x NPN/PNP
Switching frequency	[kHz]	max. 20
Type of light		red light
Dimensions	[mm]	38.5 x 12.5 x 74
Protection rating		IP65



The OCF fibre optic amplifiers can be installed on a DIN rail to save space. From there, the fibre optics lead directly to the measuring points at which objects or positions are detected.

BEST FRIENDS

IO-Link masters
Field-compatible masters with PROFINET interface



Fibre optics
As through-beam and diffuse reflection sensors

Inductive IY sensors
Miniature designs for extremely confined spaces

For further technical details, please visit: ifm.com/fs/OCF500