

AO000581

ACCESSORIES • LENSES

Entocentric lenses have a fixed or variable (zoom lenses) opening angle of the optics to the object. They are used for presence detection and assembly control, pick and place applications, feature inspections, color applications, OCR-recognition and code reading. Due to their perspective error they are not suitable for measurement applications. Telecentric lenses are special optical lenses that are characterized by the fact that their entrance or exit pupil are located at infinity. They are mainly used for measurement tasks with high repeatability, especially when measuring is to be made without perspective distortion at fluctuating object positions (in excess of the field of view in x and y direction).

MECHANICAL FEATURES

Filter thread size, metric	30.5
Housing material	Aluminum
Lens connection	C-mount (1-32 UN 2A)
Lens diameter	32
Lens length	50.6 mm
Material of optical surface	Glass
Pitch of filter thread	0.5 mm
With C-mount thread	+

OPTICAL FEATURES

Focal distance	Fixed
Focal distance range	100 mm ... 100 mm
Motor zoom	-
Minimum distance	1000 mm
M.O.D	1
Aperture number	3.5
Lens type	Entocentric
Resolution capacity	Up to 2 megapixel
Focusable	+

OTHER FEATURES

Aperture control	Manual
Type of accessory	Lens

Other

Packaging dimensions	43.0mm x 43.0mm x 105.0mm
Shipping weight	
Tariff code	90021100

Classification

ipf product group	914
eClass 8.0	27279205
eClass 9.0	27273603
eClass 9.1	27273603
ETIM-5.0	EC001776
ETIM-6.0	EC001776
ETIM-7.0	EC001776

Connection

Dimensional drawing

Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Software

Please download the software or driver required for operating your new device on our homepage: www.ipf.de

Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.