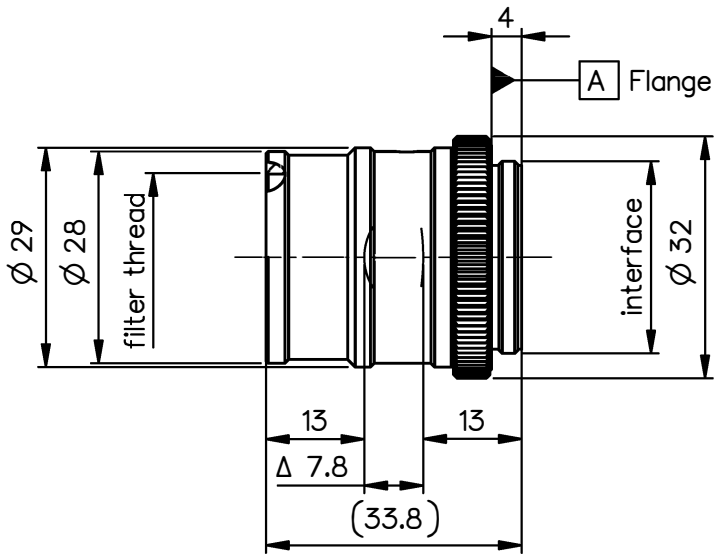
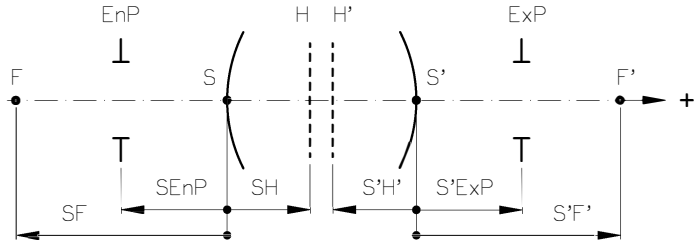
order number	lens name	f-stop
0009-190-000-40	Macro-CCD-Lens -0.3x 3.5	3.5
0009-190-000-41	Macro-CCD-Lens -0.3x 5.6	5.6
0009-190-000-42	Macro-CCD-Lens -0.3x 8	8



Specification		ON	
image circle max. (mm)	11	working distance (mm)	90
focal length f' (mm)	24.2	interface	C-mount
magnification β' [range]	-0.3	filter thread	M22.5 x0.5
spectral range λ (nm)	400 - 750	weight (g)	40
		design includes CCD cover glass:	no

schematic diagram *) in air



		f-stop	Ø EnP	Ø ExP
SF (mm)	-22.9			
S'F' (mm) *)	19.4			
HH' (mm) *)	1.7			
SH (mm)	-1.3			
S'H' (mm) *)	-4.8			
SEnP (mm)				
S'ExP (mm) *)				

NX

EU-D	AL-T1A	US-D	US-ML	not export controlled
			PDM Status Freigabe	-

REV	ECC	DATE	APPROVED
a	neu		
b	08-0281	24.11.08	
c	11-0358	20.07.11	
d	14-0184	21.08.14	
e	17-0915	20.03.18	

GENERAL TOLERANCE OF DIMENSION, FORM, POS. | SURF. TREATMT

BASIC TOLERANCING PRINCIPLE

FIRST ISSUE	DATE	NAME
	21.08.14	
CHKD	21.08.14	

SCALE 1:1

MATERIAL

TITLE

Macro-CCD-Lens 0.3x

DRAWING NO. 0009-190-100-00-0001e

SHEET 1 OF 1

REPLACES

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED

DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

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