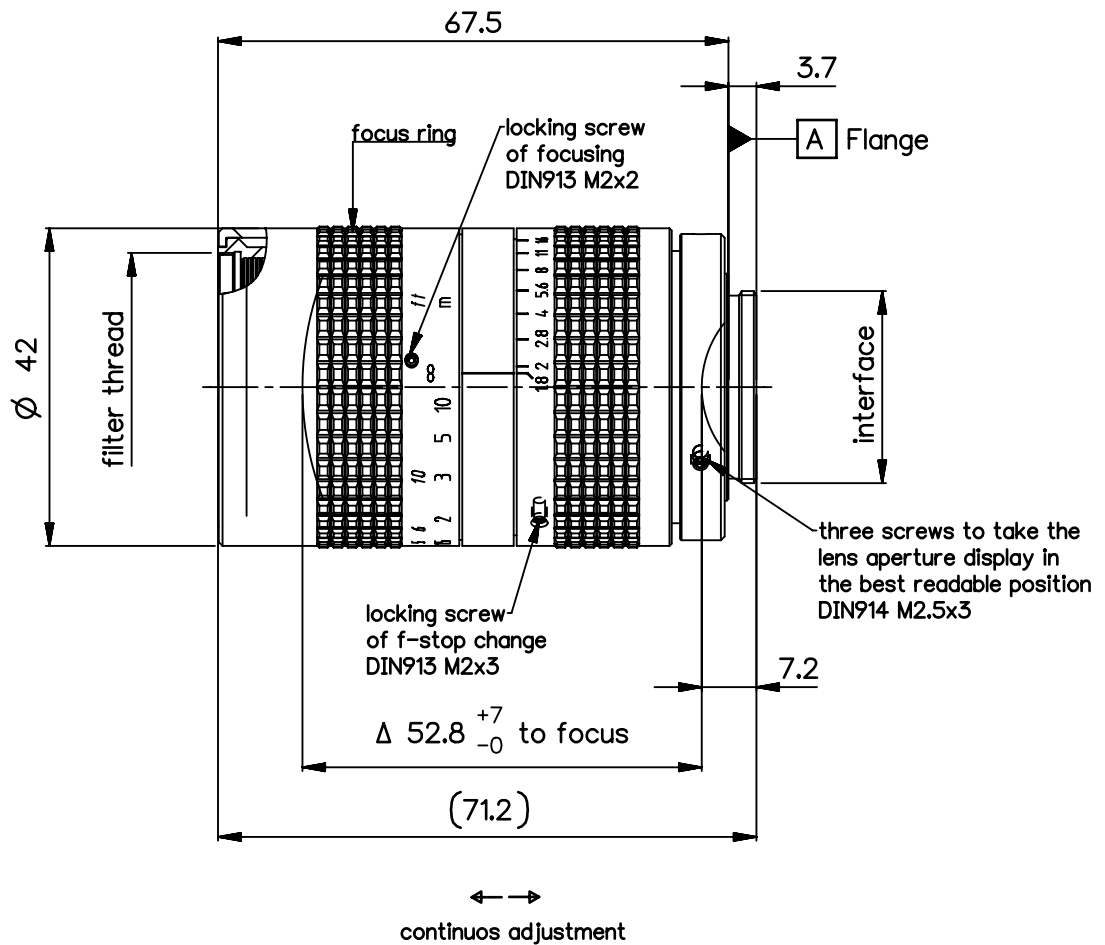
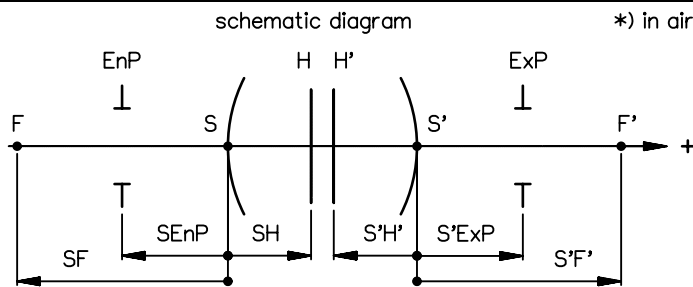


order number	lens name	spectral range λ (nm) ***
0020-003-000-40	MeVis-C 1.8/50mm	450-950 nm
0020-003-000-42	MeVis-C NIR 1.8/50mm	850-1400 nm



Specification	ON	5801-9021	
image circle max. (mm)	16	working distance (mm)	670 ... ∞
focal length f' (mm) *	50.6	interface	C-mount (1-32 UN 2A)
magnification β' [range]	-0.05 [0.075...0]	filter thread	M35.5 x0.5
spectral range λ (nm)	***	weight (g)	205

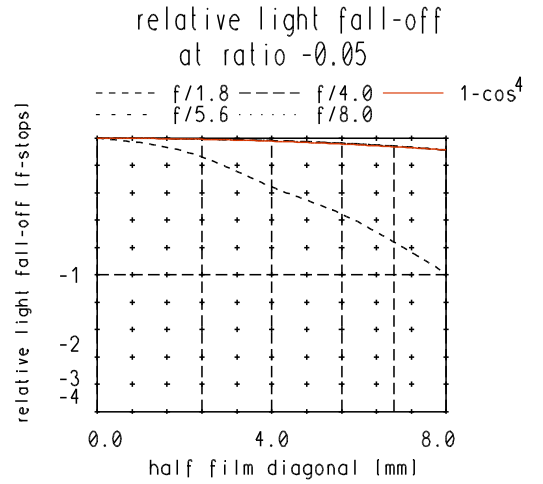
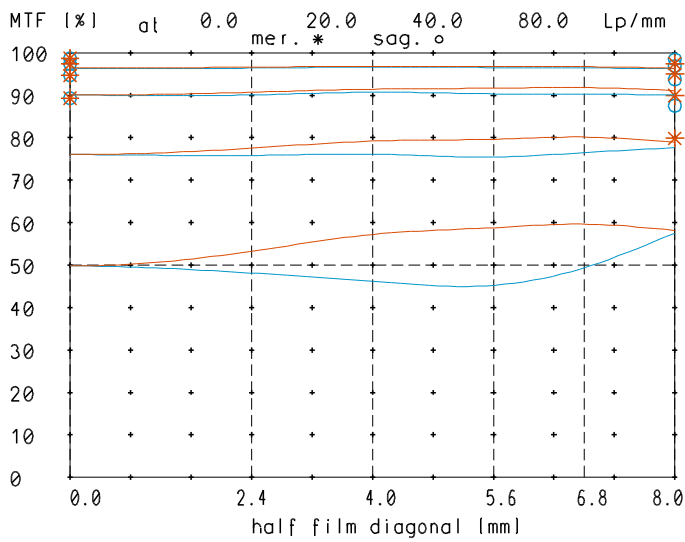


design includes CCD cover glass:	yes 1mm K7						
SF (mm)	-20.5	f-stop	1.8	\varnothing EnP	27.1	\varnothing Exp	22.6
S'F' (mm) *	18.5						
HH' (mm) *	-5.5						
SH (mm)	30.5						
S'H' (mm) *	-32.4						
SEnP (mm)	40.5						
S'Exp (mm) *	-24.0						

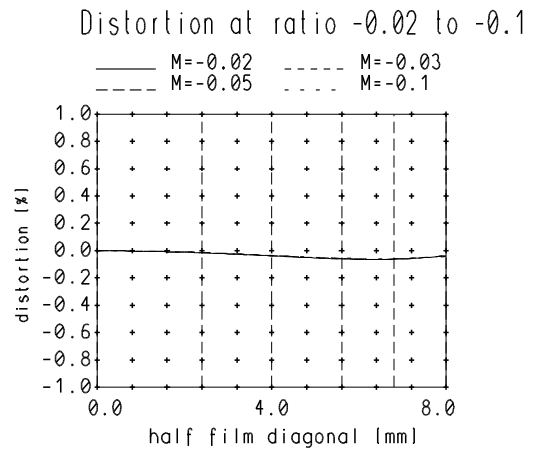
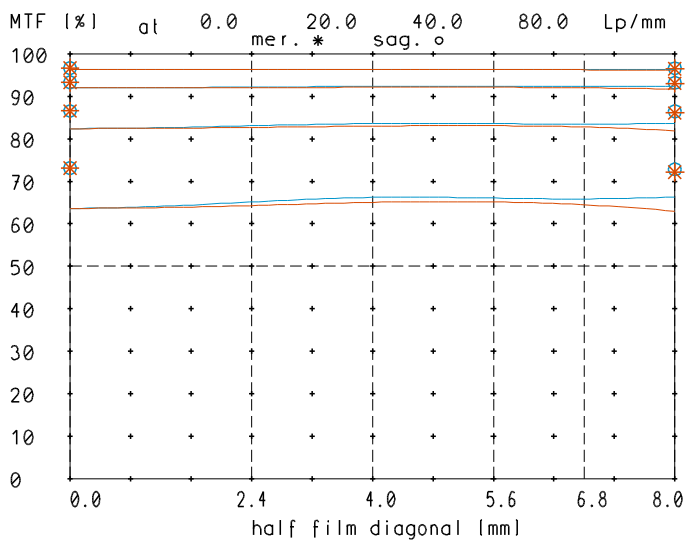
NX	EU-D	AL-T1A	US-D	US-ML	not export controlled
	REV	ECC	DATE	APPROVED	PDM Status Freigabe
	a	Neuausg			-
	b	11-358	19.07.11	Kuehne	
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	c	12-0185	09.03.12	Schuber	SCALE 1:1
	d	14-0184	31.07.14	Schiffle	MATERIAL
	BASIC TOLERANCING PRINCIPLE ISO 8015				TITLE
	FIRST DATE NAME				MeVis-C 1.8/50
DIN A 4	ISSUE 24.01.11 Kuehne				DRAWING NO. 0020-003-100-00-0001d
	CHKD 24.01.11 Schaeffler				
	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				
				REPLACES	SHEET 1 OF 1

Mev is-C_50mm

MTF at ratio -0.05 f/ 1.6



MTF at ratio -0.05 f/ 4.0



— sagittal, o Diffraction limited value
— meridional * Diffraction limited value

Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.

