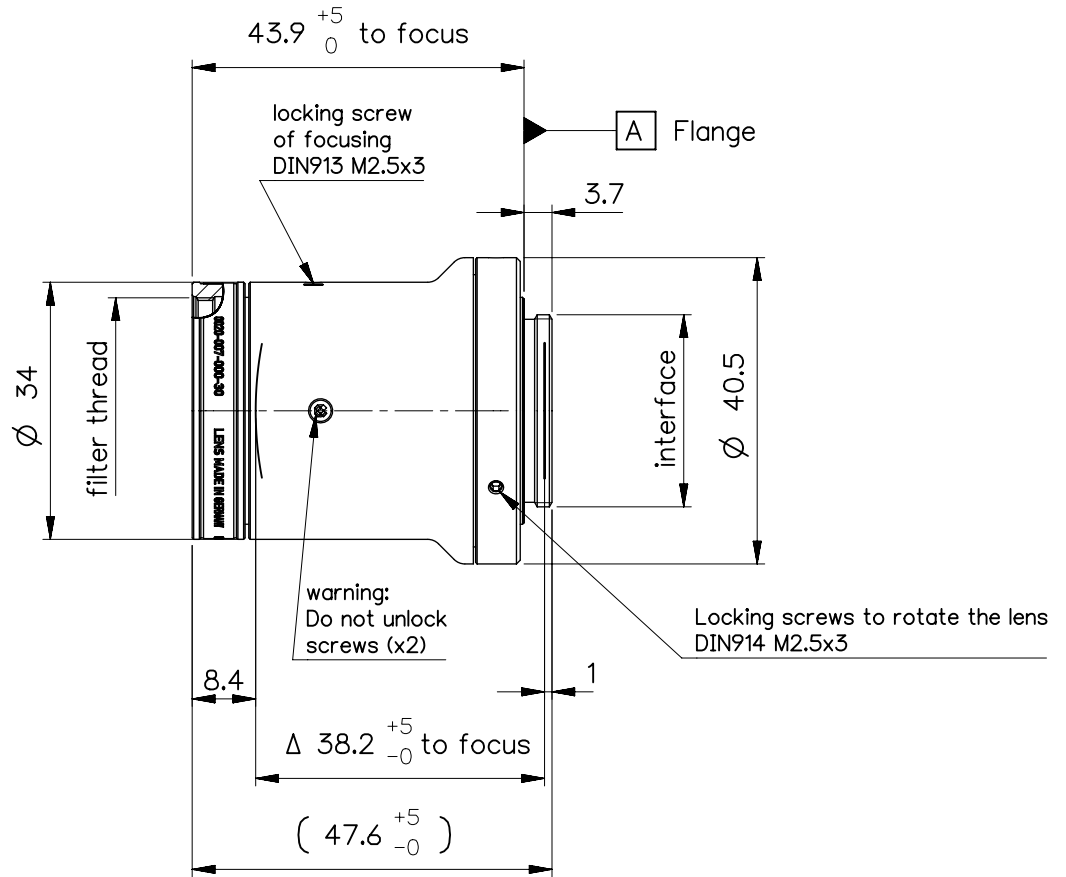


order number	lens name
0020-007-000-30	MeVis-CF traffic 1.6/25

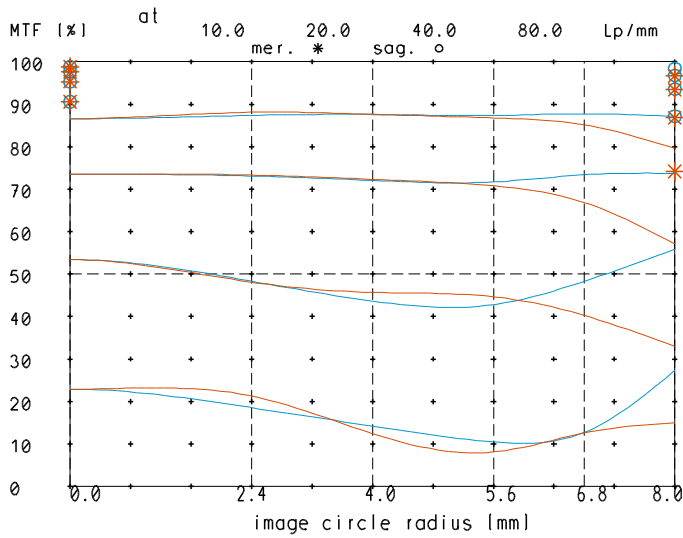


Specification		ON	5801-8013	
image circle max. (mm)	16	working distance (mm)	260 - ∞	
focal length f' (mm)	25.1	interface	C-mount (1-32 UN 2A)	
magnification β' [range]	-0.0	filter thread	M30 x0.75	
spectral range λ (nm)	450 - 950	weight (g)	120	
schematic diagram		design includes CCD cover glass: yes / 1 mm K7		
*) in air		SF (mm)	1.3	f-stop
		S'F' (mm) *)	14.8	∅ EnP
		HH' (mm) *)	1.6	∅ Exp
		SH (mm)	26.4	
		S'H' (mm) *)	-10.3	
		SEnP (mm)	15.4	
		S'Exp (mm) *)	-30.1	

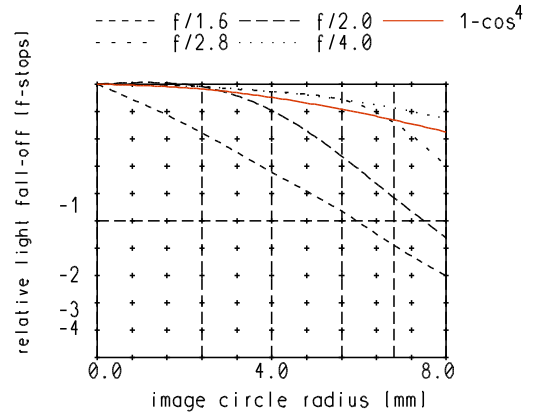
NX PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D	AL-T1A	US-D	US-ML	not export controlled
	REV	ECC	DATE	APPROVED	PDM Status
	a	Neuausg			Freigabe
					-
			GENERAL TOLERANCE OF DIMENSION, FORM, POS.	SCALE	1:1
				MATERIAL	
			BASIC TOLERANCING PRINCIPLE	TITLE	MeVis-CF traffic 1.6/25
			FIRST ISSUE	DATE	NAME
			10.05.16	10.05.16	Denk
			CHKD	10.05.16	Stauder
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT			DRAWING NO.	0020-007-100-30-0001a
				REPLACES	
					SHEET 1 OF 1

MeVis-C_25mm_traffic

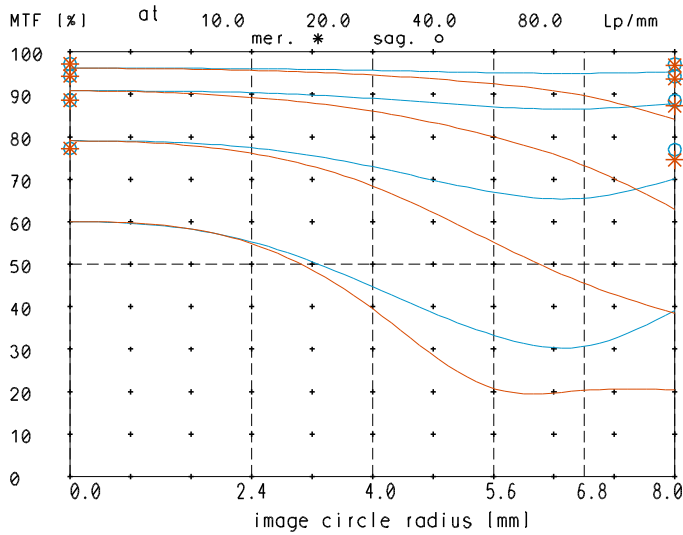
MTF at ratio 0.0x f/ 1.6



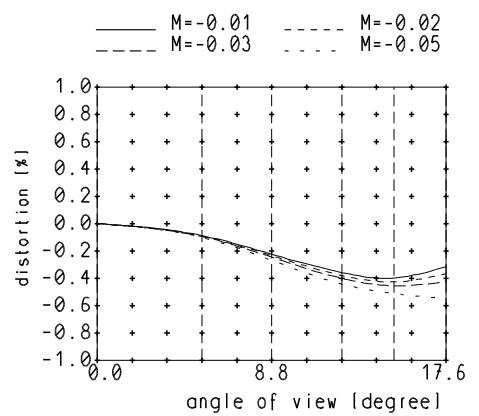
relative light fall-off at ratio 0.0x



MTF at ratio 0.0x f/ 4

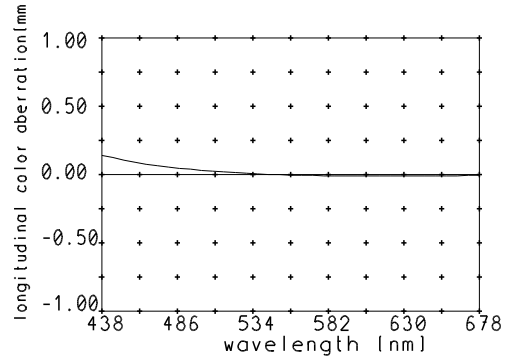


Distortion at ratio -0.01 to -0.05



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

Longitudinal color aberration at ratio 0.0x



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.