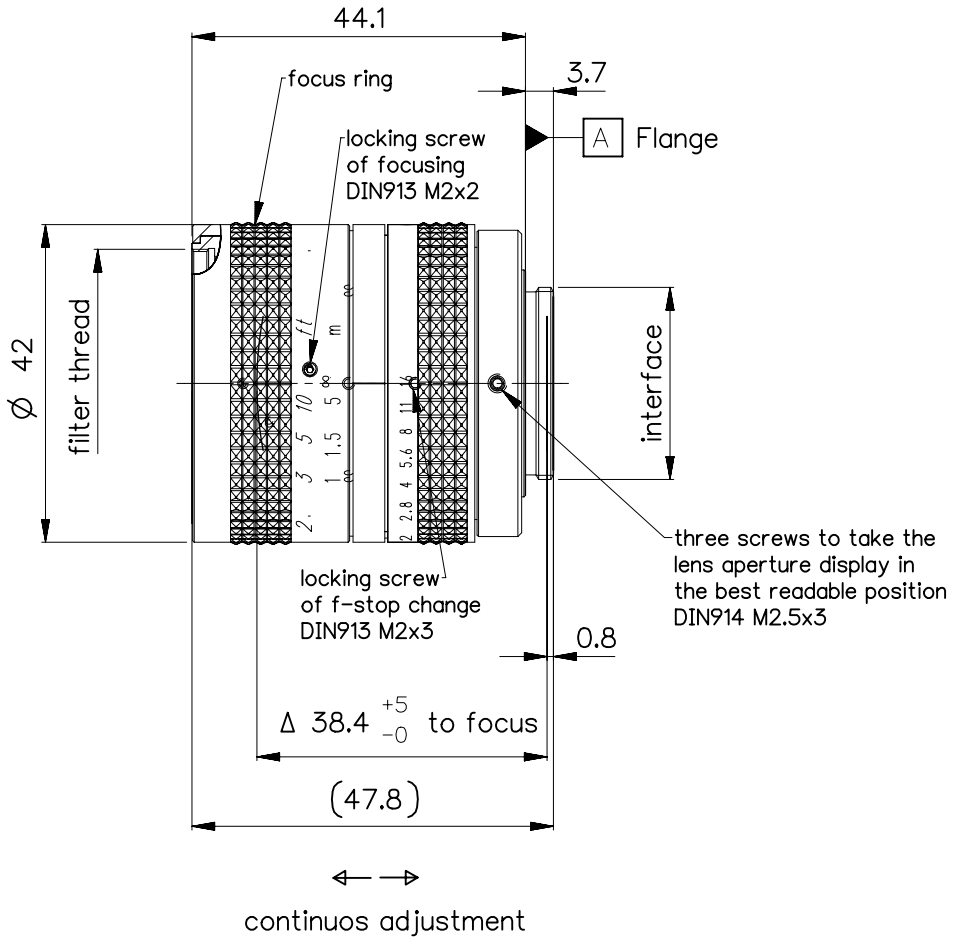
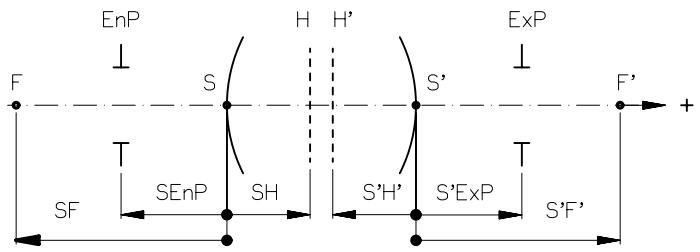
order number	lens name	spectral range λ (nm) ***
0020-002-000-40	MeVis-C 1.6/25	450-950 nm
0020-002-000-43	MeVis-C NIR 1.6/25	850-1400 nm



Specification	
image circle max. (mm)	16
focal length f' (mm)	25.5
magnification β' [range]	−0.05 [−0.1 ... 0]
spectral range λ (nm)	***

ON	5801-9011
working distance (mm)	260 − ∞
interface	C-mount (1-32 UN 2A)
filter thread	M35.5 x0.5
weight (g)	155
design includes CCD cover glass:	yes / 1mm K7

schematic diagram *) in air



	SF (mm)	f-stop	Ø EnP	Ø ExP
	1.5			
S'F' (mm) *)	13.4	1.6	15.1	27.9
HH' (mm) *)	1.6	2	12.4	23.0
SH (mm)	27.0	2.8	8.9	16.4
S'H' (mm) *)	-12.1	4	6.2	11.5
SEnP (mm)	15.4	5.6	4.5	8.2
S'ExP (mm) *)	-33.6	16	1.6	2.9

NX

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED

DIN A 4

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

REV	ECC	DATE	APPROVED
a	Neuausg		
b	10-577	24.01.11	Kuehne
c	11-358	19.07.11	Kuehne
d	12-0013	26.01.12	Schiffe
e	12-0185	09.03.12	Schuber
f	14-0184	31.07.14	Schiffe
g	15-0745	17.09.15	Boll
h	16-0274	28.04.16	Denk
i	20-0119	06.02.20	Hornbog

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

BASIC TOLERANCING PRINCIPLE

	DATE	NAME
FIRST ISSUE	08.04.10	Labarte
CHKD	08.04.10	Schaeffler

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

QIOPTIQ

SCALE 1:1

MATERIAL

TITLE

MeVis-C 1.6/25

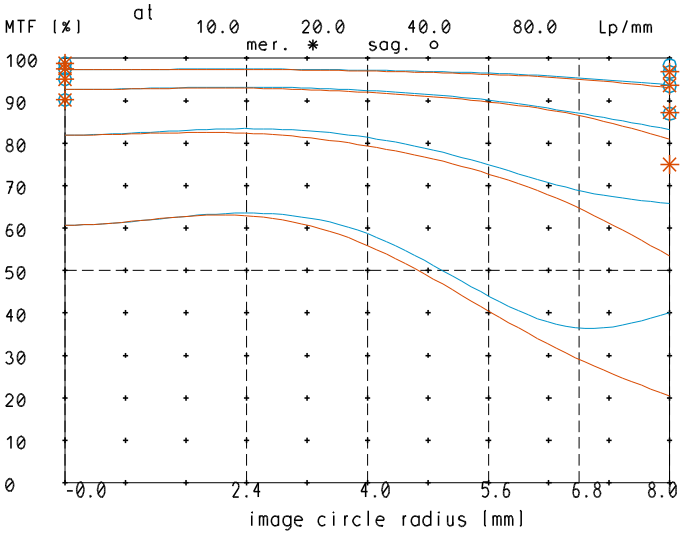
DRAWING NO. 0020-002-100-00-0001i

SHEET 1 OF 1

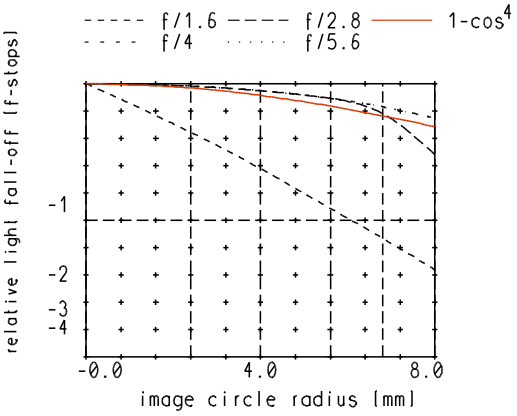
REPLACES

MeVis-C_1.6/25

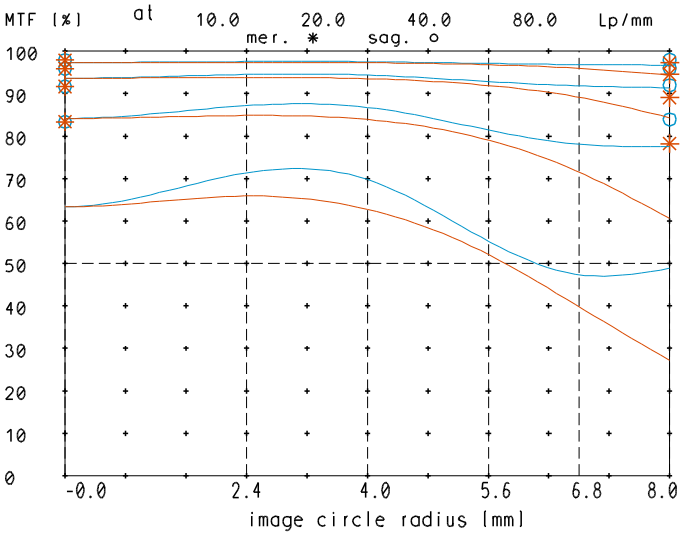
MTF at ratio 0.05 f/ 1.6



relative light fall-off at ratio 0.05

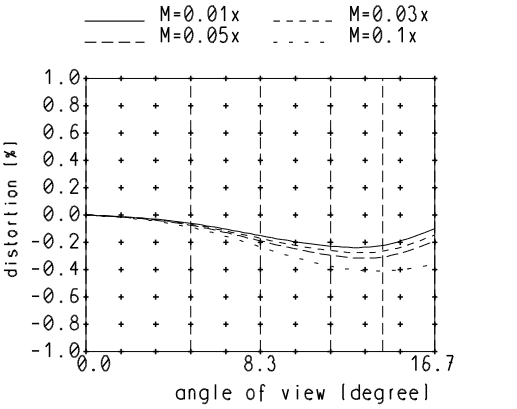


MTF at ratio 0.05 f/ 2.8

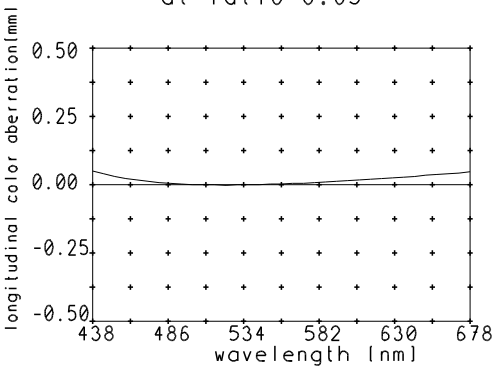


sagittal, o Diffraction limited value
meridional * Diffraction limited value

Distortion at ratio 0.01x to 0.1x



Longitudinal color aberration at ratio 0.05



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.