

DATA SHEET

SPECIFICATIONS

article number	S6EXZ0940-574
design wavelength [nm]	355
magnification factor	0.9 - 4
divergence adjustable	yes
optical principle	Galilei (no internal focus)
pointing stability [mrad]	< 1
clear input aperture [mm]	16.0
clear output aperture [mm]	28.0
max. input beam-Ø [mm] ¹⁾	16.0
total number of lenses	4
total transmission [%]	> 98
lens material	fused silica
LIDT (coating) [J/cm ²]	1.0 J/cm ² per 1 ns pulse at 50Hz
SP and USP usable	yes
SP and USP usable, reversed usage	no
mounting thread	M30x1
weight [kg]	not yet weighed
accessory	S6MEC0107 - adapter M30x1 to C-mount

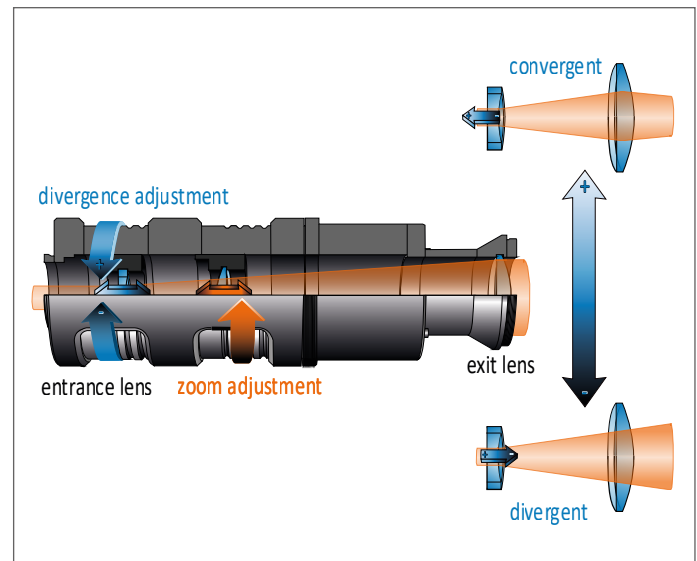
REMARKS

¹⁾ clipped at 1/e ²
magnification (reversed mode) = 1 / magnification (regular mode)
divergence adjustment = 0 → collimated input beam results in collimated output beam
maximum divergence adjustment is ± 3 mm
RoHS compliant
length at divergence setting „0“ stated in the drawing - length extension of max. 3 mm is possible

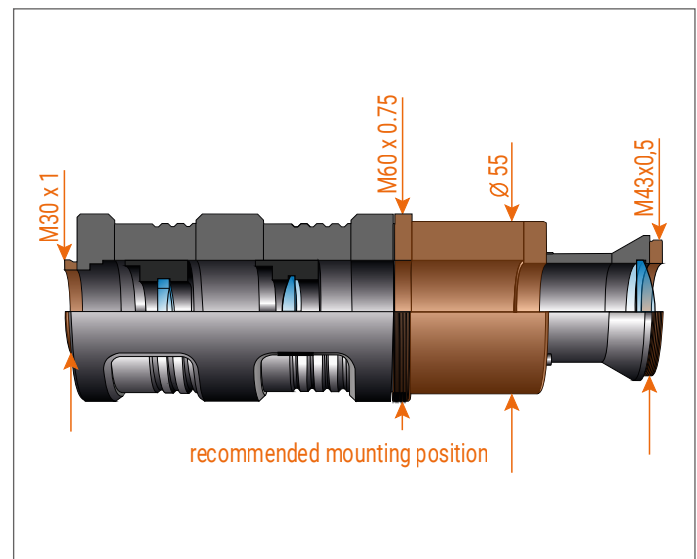
BACK REFLECTION POSITION

back reflections [mm]	0.0
back reflections reverse [mm]	158.40
	33.00
	0.00

DIVERGENCE ADJUSTMENT



MOUNTING POSITIONS



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