

# TZS8-0.85-84

Telecentric S-series lenses are measuring optics for industrial use.

The complete series contains the families TZS8, TZS12, TZS16 and TZS24.

Every family has members for 1/3", 1/2" and 2/3" sensors.

All objectives are equipped with fixed iris and fixed focus. Mechanical interfaces are perfect for integration purposes.

Customized Adjustments:

Adjustments of iris, working distance etc. are possible any time.

Attachments:

Mounting blocks, coaxial illumination heads, ring light as well as telecentric backlight for highest precision are available on inquiry.



TZS8-0.85-84				
Ø Image circle	1/3"	1/2"	2/3"	1"
Width object field(Vis)	5,6 mm	-	-	-
Height object field(Vis)	4,2 mm	-	-	-
Wavelength	VIS 486 - 656 nm NIR 800 - 900 nm			
Interface	C - Mount			
Notes	All object fields are tolerated with $\pm 5\%$ . OO' indicates the whole imaging length of the image field (typically CCD chip) to the object. s means the object-sided back focus length, i. e. the distance of the front lens to the object.			

Spectral Range	VIS
Ø Object field 1/3"	7,1 mm
Ø Object field 1/2"	-
Ø Object field 2/3"	-
Ø Object field 1"	-
Working distance (AA $\pm 2\%$ )	84,0 mm
Imaging length OO'	-
Back focus distance $s_s$	88,0 mm
Linear magnification	1:1,2
MAG (B) ( $\pm 5\%$ )	0,85
Telecentricity	< 2,0 mrad
Distortion max.	0.65%

