

TZS16-0.45-104

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.



TZS16-0.45-104				
Ø Image circle	1/3"	1/2"	2/3"	1"
Width object field(Vis)	10,7 mm	-	-	-
Height object field(Vis)	8,0 mm	-	-	-
Wavelength	VIS 486nm - 656nm			
Interface	C-Mount			
Notes	All object fields are tolerated with $\pm 5\%$. $\infty\infty'$ 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"	13,3 mm
Ø Object field 1/2"	-
Ø Object field 2/3"	-
Ø Object field 1"	-
Working distance ($AA \pm 2\%$)	104,0 mm
Imaging length $\infty\infty'$	-
Back focus distance s	-
Linear magnification	1:2,2
MAG (β) ($\pm 5\%$)	0,45
Telecentricity	$< 4,0$ mrad
Distortion max.	1,10%

