

FFT*place* VarioGauge V6

Highlights:

- industrial standard
- very reliable
- usable on robot
- GigE



Basic Data	
Length	150 mm
Width	55 mm
Height	162 mm
Weight	ca. 2 kg
Sound level	--
Protection class	IP65
Housing material	Aluminium; Kunststoff

Operating Conditions	
Air humidity	--
Ambient temperature	0-45 °C

optical	
Measuring distance	230 mm
Measuring range Z	62 mm
Measuring range X	45 mm
Depth of field range	± 5 mm
Objective	25 mm
Camera resolution	1280x1024 Pixel
Light type	Laser (red)
Wavelength	660 mm
Laser class (EN 60825-1)	2M
Calibration	For production in house FFT
Calibration data	are saved in the sensor
Measuring accuracy	Cp ≥ 1.66 with confidence interval of ± 0.1 mm

Operating voltage	
U	24 V DC (+-10%)

Power input Ub = 24V	
I	200/250/300 mA

Connection types	
Version 1	M12x1; 4-polig, (24V)
Version 2	M12x1; 8-polig, x-coded

Interface	
Communication	Ethernet TCP/IP

Transmission rate	
TCP/IP	100/1000 Mbit/s