

Technical data

Spezifical data	MZS-2000	
Spezifical data	Sensortype	Line sensor with 256 pixel
	Measuring principle	back- and frontlight measuring
	Measuring range	~1.9 to 4,5 in (48-115 mm) (depending on measuring distance)
	Measuring distance	~7.88 to 19.7 in (200-500 mm)
	View angle	± 6.5°
	Resolution (geometrical)	± 0.19 mm to ± 0.45 mm / pixel
	Illumination	2 internal IR-LEDs (875 nm, switchable) or external illumination via trigger output (see accessories)
Electrical data	Supply voltage	24 V ± 30%
	Power consumption	~ 300 mW
	Measuring frequency	150 Hz
	Outputs	3 optocoupled switching outputs 5-45 V / 1,5 W ("to small", "OK", "to big") 1 optocoupled trigger output for extern. illumination 1 Analog output 4-20 mA (max 400)
Data on ambiente conditions	Max. operating temperature	32 to 104 °F (0 to +40 °C)
	Max. storage temperature	-4 to +158 °F (- 20 to +70 °C)
	Degree of protection	IP 65
Mechanical data	Weight	approx. 150 g (~ 0.33 lbs)
	Housing	Nickel plated brass with M30x1.5 mm thread
	Connection	14-pin plug-connector (EN 60947-5-2)

Ordering information

Line sensor	Part. No.	Accessories	Part. No.
MZS-2000	10691741	Mounting bracket right	11301744
		Mounting bracket left	11301745
Accessories	Part. No.	Reflector 50x220	11301746
Cable ~6.5 ft (2 m)	11301742		
Cable ~16.4 ft (5 m)	11301743		

For external illumination see separate data-sheet

Applications

<p>Sagging control</p>	<p>Diameter control</p>	<p>Edge control</p>
<p>Detection of defective parts</p>	<p>Presented by:</p>	