



213740
PS30-05LL-500-500-IBS

Technical data (typ.)	+20°C, 24 V DC
IO-Link functions (acyclical)	<ul style="list-style-type: none"> ■ Operating hours counter ■ Number of trigger operations ■ ROI setting
Supported DeviceIDs	<ul style="list-style-type: none"> ■ DeviceID (operating mode) ■ 1260 (default)
SIO mode	Yes
Required master port class	A
process cycle time	> 2.3 ms
Light source	Laser
Laser class	1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Wavelength	650 nm
Ambient light immunity	20 kLx
Wide measuring range (min)	45 mm (150 mm / minimum measuring distance / X axis)
Wide measuring range (max)	90 mm (300 mm / maximum measuring distance / X axis)
Measured value resolution	0.25 mm (X axis), 0.2 mm (Z axis)
Measuring distance	150 ... 300 mm (Z axis)
Reproducibility	± 0.5 mm X/Z axis, background white (90 % Remission)
Sensitivity adjustment	Programming buttons
Display	Color display, LED Green - Operation, yellow - Switching status
Measuring frequency	5.0 Hz
Readiness delay (max.)	2000 ms
Ambient temperature during operation	-10 ... +55 °C
Protection type	IP 65
Connection	Connector, M12, 5-pin
More information / accessories	https://www.di-soric.com/213740