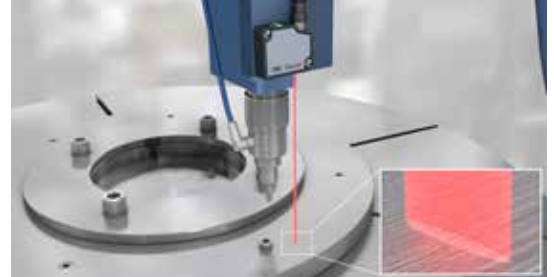


Precise and compact. Easy-to-use. Connected.

The performance laser distance sensors OM20 / OM30 offer an efficient solution for the automation of modern production lines. They convince through precise measurement performance and easiest handling.

Compact – precision in a minimum of space

- Compact design allows flexible design-in without compromises.
- Precise measurement results even on changing surfaces due to the automatic adjustment of the exposure time.
- Particularly reliable measurement on structured material thanks to the line beam shape.



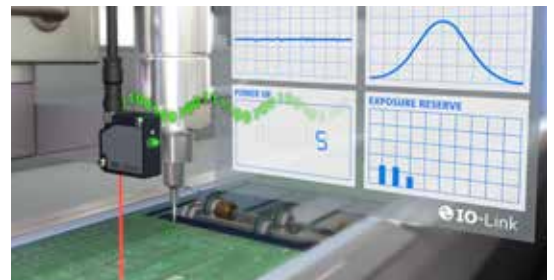
Easy-to-use – intuitive parameterization

- Simple sensor optimization to the respective application thanks to intuitive parameterization.
- Visualization of the measurement results allows quick live analyses and simplifies the application development.



Connected – an eye on process parameters

- Increased process transparency through additional data via the integrated IO-Link interface or RS485.
- Quick integration thanks to the use of the standardized IO-Link smart sensor profile (DMS).



Performance laser distance sensors – OM20 / OM30



	OM20-P0026	OM20-P0120	OM30-P0100 / OM30-L0100	OM30-P0350 / OM30-L0350	OM30-P0500 / OM30-L0500
Measuring distance (Sd)	16 ... 26 mm	16 ... 120 mm	50 ... 100 mm	50 ... 350 mm	50 ... 550 mm
Measurement range (MR)	10 mm	104 mm	50 mm	300 mm	500 mm
Repeat accuracy	1 µm	13 µm	3 µm	35 µm	86 µm
Linearity deviation	±0.08% MR	±0.1% MR, 16 ... 70 mm ±0.16% MR, 16 ... 120 mm	±0.08% MR	±0.1% MR, 50 ... 200 mm ±0.15% MR, 50 ... 350 mm	±0.23% MR
Measurement rate	5 kHz				
Laser class	1		2		
Digital interface	IO-Link, RS485 with Modbus RTU protocol				
Order numbers for OM20 / OM30 with point beam shape					
IO-Link: OM20-Px.Yx/ OM30-Lx.Yx	I: 11231074 U: 11232063	I: 11231078 U: 11231077	I: 11233966 U: 11233967	I: 11232071 U: 11232072	I: 11231082 U: 11231083
RS485: OM20-Px.Tx/ OM30-Lx.Tx	11233538	11235101	11235102	11235104	11235106
Order numbers for OM30 with line beam shape					
IO-Link: OM30-Lx.Yx	–	–	I: 11232058 U: 11233990	I: 11231079 U: 11232075	I: 11231343 U: 11232078
RS485: OM30-Lx.Tx	–	–	11235103	11235105	11235107

Learn more at: www.baumer.com/opto-distance-miniature

Accessories

	Denotation	Order no.
	<i>SensControl</i> – Wireless IO-Link master with integrated battery for on-site parameterization and monitoring via Bluetooth or WLAN	11214576
	USB IO-Link master for the parameterization of IO-Link sensors via USB	11048016
	8-fold master, IP 20 with PROFINET	11215445
	8-fold master, IP 20 with Ethernet/IP interface	11215448
	8-fold master, IP 67 with PROFINET	11215447
8-fold master, IP 67 with Ethernet/IP interface	11215460	

For the full range of accessories visit: www.baumer.com/accessories-sensors

Find your local partner: www.baumer.com/worldwide