













## Overview Distance Sensors

	<b>M1 0,1 kHz measurement frequency, requires only sensor head + cable, analog</b>																																								
	<table border="0"> <tr> <td>Laser / Range [mm]</td> <td>20</td> <td>100</td> <td>200</td> <td>400</td> </tr> <tr> <td>Linearity ± [mm]</td> <td>0,1</td> <td>0,2</td> <td>0,9</td> <td>1,5</td> </tr> <tr> <td>Resolution [mm]</td> <td>0,1</td> <td>0,3</td> <td>0,4</td> <td>0,6</td> </tr> <tr> <td>Distance Output</td> <td colspan="4">4 ... 20 mA / 0 ... 10 V, optional RS 485</td> </tr> </table>	Laser / Range [mm]	20	100	200	400	Linearity ± [mm]	0,1	0,2	0,9	1,5	Resolution [mm]	0,1	0,3	0,4	0,6	Distance Output	4 ... 20 mA / 0 ... 10 V, optional RS 485																							
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	<b>M3 1 kHz automatic adjustment, requires only sensor head + cable, digital</b>																																								
	<table border="0"> <tr> <td>Laser / Range [mm]</td> <td>5</td> <td>10</td> <td>20</td> <td>50</td> <td>100</td> <td>200</td> <td>250</td> </tr> <tr> <td>Linearity ± [mm]</td> <td>0,01</td> <td>0,02</td> <td>0,04</td> <td>0,1</td> <td>0,2</td> <td>0,8</td> <td>1,2</td> </tr> <tr> <td>Resolution [mm]</td> <td>0,005</td> <td>0,01</td> <td>0,02</td> <td>0,05</td> <td>0,2</td> <td>0,3</td> <td>0,3</td> </tr> <tr> <td>Distance Output</td> <td colspan="7">4 ... 20 mA, RS 232, optional 1 ... 5 V</td> </tr> </table>	Laser / Range [mm]	5	10	20	50	100	200	250	Linearity ± [mm]	0,01	0,02	0,04	0,1	0,2	0,8	1,2	Resolution [mm]	0,005	0,01	0,02	0,05	0,2	0,3	0,3	Distance Output	4 ... 20 mA, RS 232, optional 1 ... 5 V														
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	<b>M5 0,5 kHz LED, frequency adjustable in 3 steps, temperature up to 70°C, analog</b>																																								
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	<b>M7R 42/10 10 kHz frequency adjustable in 8 steps, fast: sampling rate 54 kHz, many options, analog</b>																																								
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	<b>M500 500 kHz delivering ultimate speed, DC-operation, analog</b>																																								
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	<b>M10 10 Hz or 50 Hz frequency, programmable thresholds</b>																																								
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	<b>M11 10 kHz adjusting frequency depending on intensity of light, digital</b>																																								
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error and technical modification reserved

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