

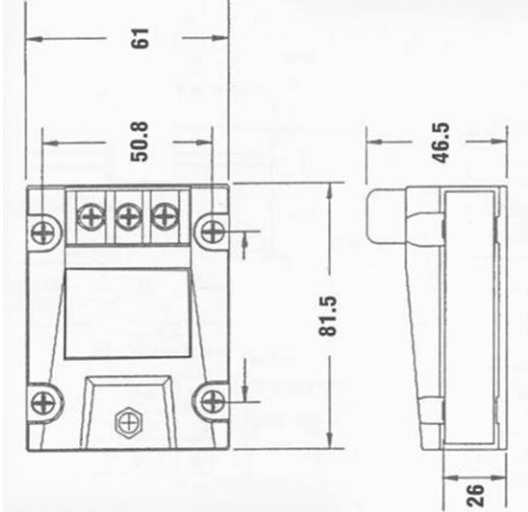



Product Model: <b>MM401D series</b>	<b>Proximity (Eddy) Displacement Sensor</b>		Version: <b>A</b> Date: <b>9/1/2025</b>
<p>MM401D Series of non-contact eddy current displacement sensor is based on the principle of eddy current effect formed by high-frequency magnetic field on the metal surface, which is an ideal sensor for detecting and controlling the displacement, vibration, rotational speed and other mechanical quantities of metal objects. It has the obvious advantages of non-contact measurement, wide linear range, high sensitivity, strong anti-interference ability, no media influence, stable and reliable, easy to handle.</p> 	<b>Performance</b>	<b>MM401D02</b>	 
	Output	-2 ~ -18 VDC	
	Sensitivity( $\pm 2\%$ )	8 V/mm	
	Measurement Range	0.5 ~ 2.5 mm	
	Frequency Range( $\pm 3$ dB)	DC ~ 5,000 Hz	
	Non-linearity	$\pm 1\%$	
	Temperature Range(Probe)	-20 ~ +100 °C	
	Temperature Range(Pre-amplifier)	-20 ~ +70 °C	
	Probe Output Connector	SMA	
	Pre-amplifier Output Type	Terminals	
	Power Supply	-24VDC/12mA	
	Probe Diameter	$\Phi 8$ mm	
	Probe Mounting Size	M10 $\times$ 1-50	
	Pre-amplifier Size	60 $\times$ 80 $\times$ 45	
Calibration Material	#45 Steel		
Accessories	<ol style="list-style-type: none"> <li>1. Cable with probe 1ea 5m</li> <li>2. Certificate of inspection 1ea</li> </ol>		 <p style="text-align: center;"><b>Metromatics</b> ABN: 47 007 346 287</p> <p>25 Flinders Parade, North Lakes QLD 4509, AUSTRALIA  <a href="http://www.metromatics.com.au">www.metromatics.com.au</a>      <a href="mailto:sales@metromatics.com.au">sales@metromatics.com.au</a>  Brisbane: +61 7 3868 4255         Sydney: +61 2 9460 4355  Melbourne: +61 3 9872 4592     </p>
Remark	Pre-amplifier DIN type is available. Extension cable or armored cable is available		