

## Dual Element Thickness Transducers

Dual element transducer for a wide variety of precision thickness measurement applications.

Supplier : PHU AKO 81-310 Gdynia, ul. Ślaska 58 tel: +48 607 23-28- 24 tel/fax +48 58 698-75-85 [www.mierniki.info.pl](http://www.mierniki.info.pl)



Part Number	Probe Diameter	Probe Characteristic	Damping <sup>1</sup>	ThruPaint™	Connector Type							Suitable for measuring						Suitable for											
					Potted	Microdot	Lemo	Top	Side	End	Cast Iron	Plastics	Thin Plastics	Fibreglass	Thin Fibreglass	Steel	Glass	Aluminium	Titanium	VG10	CG10	CG20	CG30	CG50	CG60	CG70	CG100	FD700+	
<b>1.00 MHz Dual Element Thickness Transducer</b>																													
TX1M00EP-1	1/2"	Standard	S																										
TX1M00EP-2	1/2"	Standard	S																										
TX1M00EM-1	1/2"	Standard	S																										
TX1M00EM-2	1/2"	Standard	S																										
TX1M00EP-3	1/2"	Composite	S																										
TX1M00EL	1/2"	Armoured	S																										

<b>2.25 MHz Dual Element Thickness Transducer</b>																														
TX2M25CP-1	1/4"	Standard	S																											
TX2M25CP-2	1/4"	Standard	S																											
TX2M25CM-1	1/4"	Standard	S																											
TX2M25CM-2	1/4"	Standard	S																											
TX2M25CP-3	1/4"	Hi Temp <sup>2</sup>	S																											
TX2M25CM-3	1/4"	Hi Temp <sup>2</sup>	S																											
TX2M25EP-1	1/2"	Standard	S																											
TX2M25EP-2	1/2"	Standard	S																											
TX2M25EM-1	1/2"	Standard	S																											
TX2M25EM-2	1/2"	Standard	S																											
TX2M25EP-3	1/2"	Hi Temp <sup>2</sup>	S																											
TX2M25EM-3	1/2"	Hi Temp <sup>2</sup>	S																											
TX2M25EP-4	1/2"	Composite	S																											
TX2M25EL-1	1/2"	Armoured	S																											

<b>3.50 MHz Dual Element Thickness Transducer</b>																														
TX3M50EP-4	1/2"	Standard	H																											
TX3M50EP-1	1/2"	Coating Thickness	CT																											

1. Damping  
 S - Standard Undamped Transducer  
 H - Highly Damped Transducer  
 R - Resolution Transducer  
 CT - Damped Coating Thickness Transducer  
 M - Medium Damped Transducer

HG - High Gain Damping Transducers  
 HR - High Resolution Transducer  
 2. High temperature probes suitable for measuring 343°C (650°F)  
 3. High temperature probes suitable for measuring 482°C (900°F)  
 4 - Lemo UW - Lemo Underwater Connection

## Dual Element Thickness Transducers - Continued

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Part Number	Probe Diameter	Probe Characteristic	Damping <sup>1</sup>	ThruPaint™	Connector Type							Suitable for measuring						Suitable for												
					Potted	Microdot	Lemo	Top	Side	End	Cast Iron	Plastics	Thin Plastics	Fibreglass	Thin Fibreglass	Steel	Glass	Aluminium	Titanium	VG10	CG10	CG20	CG30	CG50	CG60	CG70	CG100	FD700+		
<b>5.00 MHz Dual Element Thickness Transducer</b>																														
TX5M00BP-2	3/16"	Standard	S																											
TX5M00BP-3	3/16"	Standard	S																											
TX5M00BP-5	3/16"	Standard	H																											
TX5M00BM	3/16"	Standard	S																											
TX5M00BP-1	3/16"	Low Profile	S																											
TX5M00BP-4	3/16"	Coating Thickness	CT																											
TX5M00CP-3	1/4"	Standard	S																											
TX5M00CP-9	1/4"	Standard	H																											
TX5M00CP-4	1/4"	Standard	S																											
TX5M00CP-10	1/4"	Standard	H																											
TX5M00CM-1	1/4"	Standard	S																											
TX5M00CM-2	1/4"	Standard	S																											
TX5M00CM-9	1/4"	Standard	H																											
TX5M00CP-1	1/4"	Low Profile 1" Wand	S																											
TX5M00CP-2	1/4"	Low Profile 9" Wand	S																											
TX5M00CP-6	1/4"	Coating Thickness	CT																											
TX5M00CM-3	1/4"	Coating Thickness	CT																											
TX5M00CP-7	1/4"	Hi Temp <sup>2</sup>	S																											
TX5M00CP-8	1/4"	Hi Temp <sup>2</sup>	H																											
TX5M00CM-4	1/4"	Hi Temp <sup>3</sup>	H																											
TX5M00CM-5	1/4"	Hi Temp <sup>2</sup>	S																											
TX5M00EP-2	1/2"	Standard	S																											
TX5M00EP-3	1/2"	Standard	S																											
TX5M00EP-10	1/2"	Standard	H																											
TX5M00EM-1	1/2"	Standard	S																											
TX5M00EM-2	1/2"	Standard	S																											
TX5M00EP-4	1/2"	Coating Thickness	CT																											
TX5M00EP-5	1/2"	Hi Temp <sup>2</sup>	S																											
TX5M00EM-3	1/2"	Hi Temp <sup>3</sup>	S																											
TX5M00EM-4	1/2"	Hi Temp <sup>2</sup>	S																											
TX5M00EP-6	1/2"	Hi Temp <sup>2</sup>	H																											
TX5M00EL-1	1/2"	Armoured	S																											
TX5M00EP-1	1/2"	Cylinder Probe - Iron	S																											

1. Damping  
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Part Number	Probe Diameter	Probe Characteristic	Damping <sup>1</sup>	Thru Coat	Connector Type							Suitable for measuring						Suitable for									
					Potted	Microdot	Lemo	Top	Side	End	Cast Iron	Plastics	Thin Plastics	Fibreglass	Thin Fibreglass	Steel	Glass	Aluminium	Titanium	VG10	CG10	CG20	CG30	CG50	CG60	CG70	CG100
<b>7.50 MHz Dual Element Thickness Transducer</b>																											
TX7M50BP-1	3/16"	Standard	S			</																					