

## Pressure measuring transducer MUD

MUD ... Transducer for the measuring of pressures in liquid and gasiform media (0 - 10 V or 4 - 20 mA)



Technical data		Application
<b>Measuring principle:</b>	thin-film, piezoresistive	For the measuring of pressures that occur in non-aggressive gasiform or liquid media used in the hydraulic-, pneumatic-, machine-, plant engineering and/or process technology sphere.
<b>Measuring range:</b>	160 mbar, 2.5/6/10/25/60 bar	
<b>Temperature of medium / ambient temperature:</b>	-40 ... +100°C	
<b>Output:</b>	0-10 V or 4-20 mA	
<b>Supply voltage:</b>	12 ... 32 V=at 4 ... 20 mA 14 ... 30 V=at 0 ... 10 V	
<b>Electrical connection:</b>	via DIN 46344 compliant connector	The stainless steel membrane is absolutely vacuum-tight.
<b>Pressure connection:</b>	G 1/4", with G 1/2" adapter	
<b>Linearity error:</b>	+/-0.5 % above measuring range	
<b>Total error:</b>	+/-1.5 % (-10 ... +90°C)	
<b>Degree of protection:</b>	IP 65	
<b>Overpressure:</b>	2fold of the measuring range	

### Pressure measuring transducer 0-160 mbar

Type	Item No.	Measuring range	Output	PG
<b>MUD / 0-10 / 0,16</b>	G9240010	0-160 mbar	0-10 V	S
<b>MUD / 4-20 / 0,16</b>	G9240020	0-160 mbar	4-20 mA	S

### Pressure measuring transducer 0-2.5 bar

Type	Item No.	Measuring range	Output	PG
<b>MUD / 0-10 / 2.5</b>	G9240030	0-2.5 bar	0-10 V	S
<b>MUD / 4-20 / 2.5</b>	G9240040	0-2.5 bar	4-20 mA	S

### Pressure measuring transducer 0-6 bar

Type	Item No.	Measuring range	Output	PG
<b>MUD / 0-10 / 6</b>	G9240050	0-6 bar	0-10 V	S
<b>MUD / 4-20 / 6</b>	G9240060	0-6 bar	4-20 mA	S

### Pressure measuring transducer 0-10 bar

Type	Item No.	Measuring range	Output	PG
<b>MUD / 0-10 / 10</b>	G9240070	0-10 bar	0-10 V	S
<b>MUD / 4-20 / 10</b>	G9240080	0-10 bar	4-20 mA	S