

Product information | Pressure transmitters

# Pressure transmitters MBS 3000 and 3050 – the reliable solution for pressure control and monitoring

Pressure transmitter types MBS 3000 and 3050 offer reliable pressure measurement even under harsh environmental conditions and are thus designed for use in almost all industrial applications.

## One

stop shop for your  
sensor needs



# Reliable **pressure measurement**, even under harsh environmental conditions

The compact pressure transmitter MBS 3000 series offers reliable pressure measurement and is designed for severe industrial and hydraulic environments. Type MBS 3000 is designed for use in almost all industrial applications, and MBS 3050 with integrated pulse-snubber is designed for use in hydraulic applications with severe medium influences like cavitation, liquid hammer or pressure peaks.

## Features and benefits

- Excellent vibration stability, robust construction and high degree of EMC/EMI protection
- Resistant to cavitation, liquid hammer and pressure peaks (MBS 3050)
- Enclosure and wetted parts of acid-resistant stainless steel (AISI 316L)
- A wide range of pressure and electrical connections
- Temperature compensated and laser calibrated

## Main specifications

Output signal	4-20 mA
Operating temperature	-40-85 °C
Measuring range	0-600 bar
Standard pressure connection	G ¼ A
Wetted parts	Stainless steel (AISI 316)

## Approvals and certificates

Complies with ATEX Ex II Ex 3G Ex-nA IIAT3.

Type	Connection	Pressure (bar)		Code No.		
		Pressure range	Overload pressure	Output signal		
				1-5 V d.c.	0-10 V d.c.	4-20 mA
MBS 3000	G ¼	0-1	6	-	-	060G1113
MBS 3000	G ¼	0-1.6	9.6	-	-	060G1429
MBS 3000	G ¼	0-2.5	15	-	-	060G1122
MBS 3000	G ¼	0-4	24	-	060G3812	060G1123
MBS 3000	G ¼	0-6	36	-	-	060G1124
MBS 3000	G ¼	0-10	60	-	060G1650	060G1125
MBS 3000	G ¼	0-16	96	-	060G3813	060G1133
MBS 3000	G ¼	0-25	150	-	060G3814	060G1430
MBS 3000	G ¼	0-40	240	-	060G3815	060G1105
MBS 3000	G ¼	0-60	360	-	-	060G1106
MBS 3000	G ¼	0-100	600	-	-	060G1107
MBS 3000	G ¼	0-160	960	-	-	060G1112
MBS 3000	G ¼	0-250	1500	-	-	060G1111
MBS 3000	G ¼	0-400	1500	-	-	060G1109
MBS 3000	G ¼	0-600	1500	-	-	060G1110
MBS 3050	G ¼	0-250	600	060G3584	060G3557	060G3582
MBS 3050	G ¼	0-400	600	060G3585	060G3586	-
MBS 3050	G ¼	0-400	1500	-	-	060G3583

A comprehensive range of pressure and electrical connections is available for the products.  
Also available in different connections and sizes. For further details refer to: [store.danfoss.com](https://store.danfoss.com).