

# PRECISION

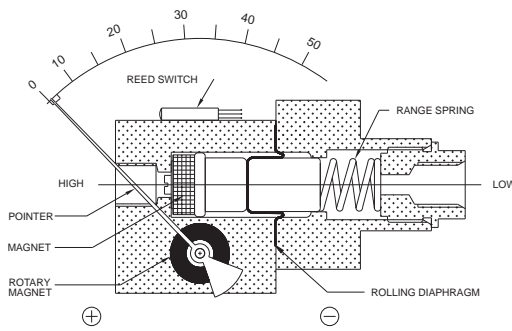
Differential Pressure Instruments



PRECISION Differential Pressure Instruments

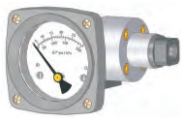
# PRECISION Instruments

## LX200DGR Series Rolling Diaphragm Gauge



### COMBINATIONS

#### Gauge

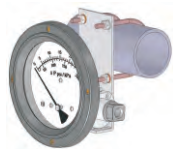


#### Gauge + switch



### MOUNTING BRACKETS

#### Gauge



#### Gauge + switch



### LX 200 DGR

LP Range : 0 to 5 up to 0-100 Psid

#### Specifications

Accuracy	± 2% of the FSD (Ascending)
Migration	No migration ; Zero leakage from high to low port
Range	0-5 Psid up to 0-100 Psid or equivalent ranges in other units
First marking on the scale	15% of the FSD
Sensing element	Diaphragm
Wetted parts	Diaphragm, body material, 302 SS spring & ceramic magnet
Case material	Engineered polymer
Dial size	2.5" (square), 4.5" (round)
Mounting	Direct, front flange, 2" pipe & surface mounting
Maximum working pressure	3000 psi.
Maximum process temperature	175° F (Immersion Temperature Rating)
Body material	Aluminum, Brass & 316 SS
Seals	Buna-N, Viton, EPDM diaphragm & 'O' rings
Window	Plexiglass
Connection	1/4" NPT(F) Std., other upon request
Porting	In-line, rear, bottom, in-line & bottom
Protection for gauge & switch	NEMA-4X/IP 65
Over range protection	Up to max. working pressure from high side only Never pressurize only LP side beyond 350 Psi

#### Options

Liquid filling
Red follower pointer (except 6")
Customer logo
Dual scale
Colored Arc
Filter mesh in (+) connection
Descending calibration
NACE

#### Switches (Adjustable in 30-100% of FSD)

Nema 4X Enclosure
1 or 2 SPSTs with a terminal strip
1 or 2 SPSTs with a built in relay
1 or 2 SPSTs with a terminal strip
<b>Switch adjustment range 30-100% FSO</b>



# PRECISION Instruments

## LX 200DGR Order Code

- Options

LX ROLLING DIAPHRAGM GAUGE

	<b>LX</b>	<b>200</b>	<b>G</b>	<b>S</b>	<b>SD</b>	<b>4N</b>	<b>1</b>	<b>EP</b>	<b>A</b>	<b>V</b>	<b>E</b>	<b>0-30 Psid</b>																											
<b>Series</b>																																							
<b>Model</b>	200DGR																																						
<b>Style</b>	G = Gauge only GS = Gauge + Switch																																						
<b>Body Material</b>	A = Aluminum    B = Brass S = 316SS       M = Monel																																						
<b>Dial Size</b>	SD = 2½" Square RD = 4½" Round																																						
<b>Connection</b>	4N = ¼" FNPT (standard) ZZ = Special Connection																																						
<b>Connection Location</b>	1 = Inline (standard)    4 = Bottom & Vent 2 = Rear/Back            5 = Inline & Vent 3 = Bottom                6 = Inline & Vent																																						
<b>Case</b>	EP = Engineered Polymer																																						
<b>Lens</b>	A = Plexiglass																																						
<b>Seals</b>	B = Buna-n (standard) V = Viton E = EPDM																																						
<b>Switch</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;"><b>SPST Specifications</b></td> <td style="width: 33%;"><b>SPST Specifications</b></td> <td style="width: 33%;"></td> </tr> <tr> <td>2 = 1 SPST w/terminal strip</td> <td>1 = 10VA/100V/0.5 A (std)</td> <td></td> </tr> <tr> <td>2A = 1 SPST w/relay</td> <td>2 = 40VA/230V/1Amp</td> <td></td> </tr> <tr> <td>4 = 2 SPST w/terminal strip</td> <td>3 = 100VA/300V/1Amp</td> <td></td> </tr> <tr> <td>4A = 2 SPST w/relay</td> <td style="text-align: center;"><b>+</b></td> <td><b>SPDT Specifications</b></td> </tr> <tr> <td></td> <td></td> <td>1 = 3VA/30V/0.3 Amp (std)</td> </tr> <tr> <td><b>SPDT Specifications</b></td> <td></td> <td>2 = 5VA/125V/0.25 Amp</td> </tr> <tr> <td>6 = 1 SPDT w/terminal strip</td> <td></td> <td>3 = 5VA/175V/0.25 Amp</td> </tr> <tr> <td>8 = 2 SPDT w/terminal strip</td> <td></td> <td>4 = 60VA/400V/1 Amp*</td> </tr> </table>												<b>SPST Specifications</b>	<b>SPST Specifications</b>		2 = 1 SPST w/terminal strip	1 = 10VA/100V/0.5 A (std)		2A = 1 SPST w/relay	2 = 40VA/230V/1Amp		4 = 2 SPST w/terminal strip	3 = 100VA/300V/1Amp		4A = 2 SPST w/relay	<b>+</b>	<b>SPDT Specifications</b>			1 = 3VA/30V/0.3 Amp (std)	<b>SPDT Specifications</b>		2 = 5VA/125V/0.25 Amp	6 = 1 SPDT w/terminal strip		3 = 5VA/175V/0.25 Amp	8 = 2 SPDT w/terminal strip		4 = 60VA/400V/1 Amp*
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**Range**

Psid	Kg/cm <sup>2</sup>	Bar	Kpa	mbar
-	0.25	0.25	25	250
5	-	-	-	-
8	0.5	0.5	50	-
10	0.75	0.75	75	750
15	1	1	100	-
25	-	-	-	-
30	2	2	200	-
-	2.5	2.5	250	-
40	3	3	300	-
50	3.5	3.5	-	-
60	4	4	400	-
100	7	7	700	-

- 0 = None
  - A = Glycerine Fill\*\*
  - C = Customer Logo
  - D = Dual Scale
  - E = Colored Dial Arc
  - F = Filter Screen in + Port
  - H = Descending calibration
  - N = NACE
  - S = Silicone Fill\*\*
  - I = Oxygen Clean
  - M1 = 2" Horizontal Pipe Mount
  - M2 = Surface Mount Bracket
  - M3 = 2" Vertical Pipe Mount
- Notes  
\* = Switch Factory Set Only  
\*\* = Affects Accuracy



Contact Information



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