Unfortunately, unplanned shutdowns and failures happen, causing unexpected product needs to arise. Fortunately though, WIKA Instrument, LP is here to help.

WIKA’s Express Lane program offers you ordering flexibility, when you need it. Using our almost 70 years of industry experience and instrumentation expertise, we have selected the top Diaphragm Seal products that customers need in a rush. These preselected items can now be ordered through WIKA’s Express Lane program with 1-day, 2-day or 5-day lead time options.

How the Express Lane Program Works:
WIKA offers a standard 12 business days minimum, lead time for all Diaphragm Seal products, while nonstandard products may require longer lead times based on the order and available capacity.

If you need your Diaphragm Seal order shipped in less than 12 business days, the WIKA Express Lane Program offers 3 convenient ordering options:

<table>
<thead>
<tr>
<th>Express Lane Option</th>
<th>Express Lane Program Charge</th>
<th>Quantity Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Business Days*</td>
<td>MSRP</td>
<td>25 pieces</td>
</tr>
<tr>
<td>2 Business Days*</td>
<td>2X MSRP</td>
<td>5 pieces</td>
</tr>
<tr>
<td>1 Business Day*</td>
<td>3X MSRP</td>
<td>2 pieces</td>
</tr>
</tbody>
</table>

*WIKA reserves the right to decline customer requests based on existing capacity, order quantity and availability of materials. All lead times are subject to Diaphragm Seal customer service representative approval by written confirmation; lead times begin when written confirmation approval is issued. All lead times consider the manufacturing and production time only; WIKA is not responsible for shipping lead times. All orders must be placed no later than 2:00PM central time for next day shipment by 12:00PM. Saturday shipments are possible where service is available; Saturday shipments are possible for Monday delivery. All non-business days, company holidays and closings are excluded from lead times. Exceptions may be made on a case-by-case basis.
Our goal is to deliver on our promised delivery time, every time. If WIKA does not meet your Express Lane order’s shipping lead time, the following will be offered:

- **5 Business Days**: 40% off your order and next day shipping at WIKA’s expense
- **2 Business Days**: 60% off your order and next day shipping at WIKA’s expense
- **1 Business Day**: 80% off your order and next day shipping at WIKA’s expense

**No Cancellations:**
Confirmed express lane orders CANNOT be changed or cancelled.

**Terms & Conditions:**
Except as modified by this Express Lane Program, all orders are subject to WIKA’s general terms and conditions, available on www.wika.us.

**Additional Info:**
Gauges: WIKA’s Express Lane program includes Diaphragm Seal Assemblies using XSEL® 23X.34 size 4.5”
Process gauges and 23X.54 sizes 2.5” and 4” stainless steel gauges only.
Preferred pressure ranges include -30inHG, 30, 100, 200, 300, 600, 1000, 3000 and 5000 psi. 23X.54 gauges featuring all stainless steel construction, from case design to all wetted parts. 23X.34 4.5” has a turret-style fiberglass thermoplastic case and stainless steel wetted parts. Both designs are equipped with Swiss-made movements for long lasting usage. These process grade gauges ensure long service life in the harshest, most demanding environments. Limited accessories are available; please check factory for availability.
All-Welded System

M93X.D1

Order Code:

1 Model number
2 Pressure range
3 Pressure unit
4 Process connection
5 Lower housing material
6 Upper housing material
7 Diaphragm material
8 Gasket
9 System fill fluid
10 Options

M93X.D1 - M200 - PX N4 SS SS-0 SS 68 - XXX

Case Fill
2 Without
3 Glycerine

Pressure Range
V000 -30 inHg...0
C100 -30 inHg...100psi
M030 0psi...30psi
M100 0psi...100psi
M200 0psi...200psi
M300 0psi...300psi
M400 0psi...400psi
M600 0psi...600psi
S100 0psi...1000psi
S300 0psi...3000psi
S500 0psi...5000psi

Lower Housing Material
SS 316L Stainless Steel
HC Hastelloy® C276
MO Monel® 400

Diaphragm Material
SS 316L Stainless Steel
HC Hastelloy® C276
MO Monel® 400

Gasket -- O-Ring
VI Viton® (FPM)
TF Teflon® (PTFE)

Fill Fluid
68 KN68 - DC200 (10cSt)
02 KN2 - DC200 (50cSt)
21 KN21 - Halocarbon 6.3

Options
FGL Glycerine case fill
FS1 Silicone case fill
LSG Safety glass window

Clamped Diaphragm Flanged Seal

L990.FC

Order Code:

L990.FC - N4F X 10 - 150 R SS SS-0 SS SS VI

Instrumentation connection
N2F ¼" NPT - female
N4F ½" NPT - female

Process Connection
10 1"
15 1.5"

Pressure Class
150 Class 150
300 Class 300

Upper Housing Material
SS 316L SS

Lower Housing Material
SS 316L SS
HC HC-276
MO Monel® 400
SW 316L / PTFE lining

Diaphragm Material
SS 316L SS
HC HC-276
MO Monel® 400
TA Tantalum
TF 316L / PTFE spray coated

Hardware
SS Carbon steel
SS Stainless steel
### Standard Welded Diaphragm Threaded Seal

**Order Code:** L990.10

<table>
<thead>
<tr>
<th>Instrument Connection</th>
<th>Process Connection</th>
<th>Lower Housing Material</th>
<th>Upper Housing Material</th>
<th>Hardware</th>
<th>Diaphragm Material</th>
<th>Gasket</th>
<th>MWP</th>
</tr>
</thead>
<tbody>
<tr>
<td>N4F ¼&quot; NPT - female</td>
<td>N4F ½&quot; NPT - female</td>
<td>SS 316L SS</td>
<td>SS 316L SS</td>
<td>CS Carbon steel</td>
<td>SS 316L SS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pressure Rating:** 1500 psi (4 bolt) / 3625 psi (8 bolt)

- **Gasket:** O-Ring
  - VI Viton® (FPM)
  - TF Teflon® (PTFE)

### Standard Welded Diaphragm Flanged Seal

**Order Code:** L990.12

<table>
<thead>
<tr>
<th>Instrument Connection</th>
<th>Process Connection</th>
<th>Flange Rating</th>
<th>Flange Face</th>
<th>Upper Housing Material</th>
<th>Lower Housing Material</th>
<th>Hardware</th>
<th>Diaphragm Material</th>
<th>Gasket -- O-Ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>N4F ¼&quot; NPT - female</td>
<td>50 ½&quot;</td>
<td>150 Class 150</td>
<td></td>
<td>SS 316L SS</td>
<td>SS 316L SS</td>
<td>CS Carbon steel</td>
<td>SS 316L SS</td>
<td>VI Viton® (FPM)</td>
</tr>
</tbody>
</table>

- **Diaphragm Material:** SS 316L SS / HC HC 276 / MO Monel® 400 / TA Tantalum
- **Gasket -- O-Ring:** SS 316L / PTFE spray coated
- **Pressure Class:** 150 - 3625 psi
- **Process Connection:** N2F ¼" NPT - female / N4F ½" NPT - female / N8F 1.0" NPT - female

### Modular Standards

- **Instrument Connection:** N2F ¼" NPT - female
- **Process Connection:** N4F ½" NPT - female
- **Flange Rating:** 150 Class 150
- **Flange Face:** 50 ½" / 75 ¾"
## All-Welded Mini-Seal

### L990.TA - N2F x N4F SS SS -0 SS 2500 XXX

<table>
<thead>
<tr>
<th>Instrument Connection</th>
<th>Process Connection</th>
<th>Upper Housing Material</th>
<th>Lower Housing Material</th>
<th>Diaphragm Material MWP</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>N2F ¼&quot; NPT - female</td>
<td>N4F ½&quot; NPT - female</td>
<td>SS 316L Stainless Steel</td>
<td>MO Monel® 400</td>
<td>SS 316L Stainless Steel</td>
<td>HC Hastelloy® C276</td>
</tr>
</tbody>
</table>

### L990.TB - N4F x N4F SS SS -0 SS 2500 XXX

<table>
<thead>
<tr>
<th>Instrument Connection</th>
<th>Process Connection</th>
<th>Upper Housing Material</th>
<th>Lower Housing Material</th>
<th>Diaphragm Material MWP</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>N4F ¼&quot; NPT - female</td>
<td>N4F ½&quot; NPT - female</td>
<td>SS 316L Stainless Steel</td>
<td>MO Monel® 400</td>
<td>SS 316L Stainless Steel</td>
<td>HC Hastelloy® C276</td>
</tr>
</tbody>
</table>
Contact the WIKA office within your region for more information or email DSExpress@wika.com

<table>
<thead>
<tr>
<th>Regions</th>
<th>Western Region</th>
<th>Central Region</th>
<th>Eastern Region</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(714) 399-9200 x165</td>
<td>(844) 847-4322</td>
<td>(844) 219-6135</td>
</tr>
</tbody>
</table>
For 70 years, WIKA has continuously advanced instrumentation for pressure, temperature, level, flow and force measurement. Our broad selection of standard and custom solutions, as well as services, work to support operational safety, productivity and profitability. A global leader in lean manufacturing, WIKA can be your reliable partner anywhere in the world.