

# ORDERING INFORMATION

## Front Load Single Sensor (with in-vacuum cables)

**Type of sensor** (Includes in-vacuum cable, crystal snatcher and user manual. Crystals sold separately)

- Standard sensor .....  
(water lines parallel)
- Right angle sensor .....  
(water lines perpendicular)

**Shutter assembly** (see note 3)

- None .....
- Standard shutter .....

**Length of sensor** (see note 2)

- Standard length .....
- includes 78.1 cm (30.75 in.) in-vacuum cable

**Feedthrough** (see note 1)

- None .....
- 1 in. bolt .....
- CF40 .....

**Feedthrough connection** (see notes 3 and 4)

- Sensor not connected to feedthrough .....
- Sensor welded to feedthrough .....
- Feedthrough equipped with Ultra-Torr compression fittings .....  
(allows for adjustable sensor length).

**Welded sensor length**

(use only when feedthrough connection is 7)

(see notes 2 and 5)

Not required when feedthrough connection option is 0 or 8.

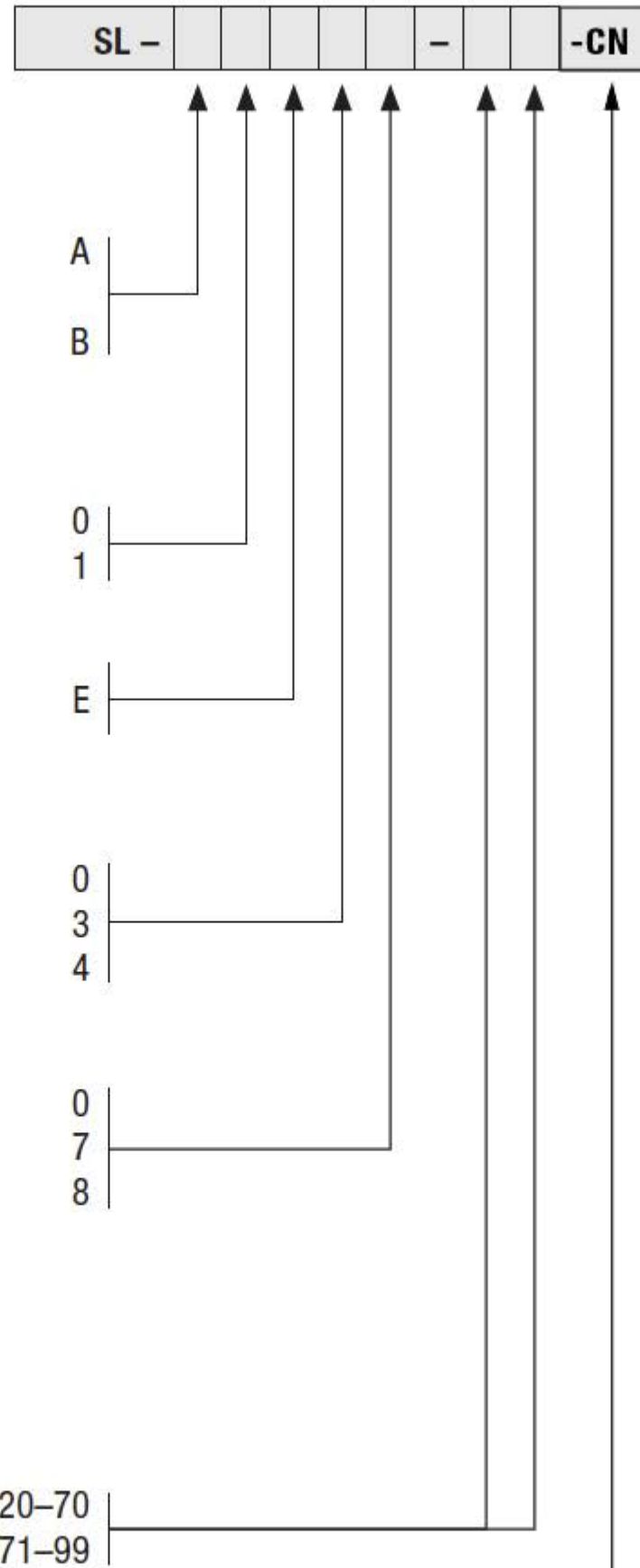
- Weld length in centimeters, 20–70 cm (8–27.5 in.). .... 20–70
- Weld length in centimeters, 71–99 cm (28–39 in.). .... 71–99

\*\*\* Other lengths may be available: contact factory.  
Other lengths will be considered a special order and will be subject to additional cost and lead time

**The following combinations are not available:** (see notes 3 and 4):

SL-A1E38, SL-B1E38, SL-A1E47, and SL-B1E47

Examples of non-valid part numbers include all options with no feedthrough connection or compression fittings and a welded sensor length; for example, SL-A0E48-20, SL-B1E40-20, etc.



**NOTE 1:**  
Feedthrough configuration varies depending on options selected (Front Load or Cool Drawer, with or without shutter, type of feedthrough, etc.).  
Example: SL-A0E37 uses feedthrough PN 002-042 while SL-A1E37 uses feedthrough PN 750-030-G1.

**NOTE 2:**  
Sensor lengths are measured from center of the crystal to the vacuum side (sealing surface) of the feedthrough. Once a welded sensor order is confirmed, it cannot be cancelled.

**NOTE 3:**  
Front Load Sensors ordered with shutters and 1 in. bolt style feedthrough can only be welded (compression fittings not available).

**NOTE 4:**  
Front Load Sensors ordered with a CF40 feedthrough and a shutter cannot be welded due to dimensional limits of the CF40.

**NOTE 5:**  
Front Load sensors welded to lengths between 28–34 in. will include a 36 in. in-vacuum cable. Sensors welded to lengths between 34–39 in. will include a 48 in. in-vacuum cable.

**“-CN” suffix added for sensors made in China**