

# ORDERING INFORMATION

## Front Load Dual 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)

**Length of sensor** (see notes 1 and 5)

Standard length .....  
includes 78.1 cm (30.75 in.) in-vacuum cable (see note 4)

**Feedthrough** (see note 2)

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

**Feedthrough connection** (see notes 3 and 5)

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

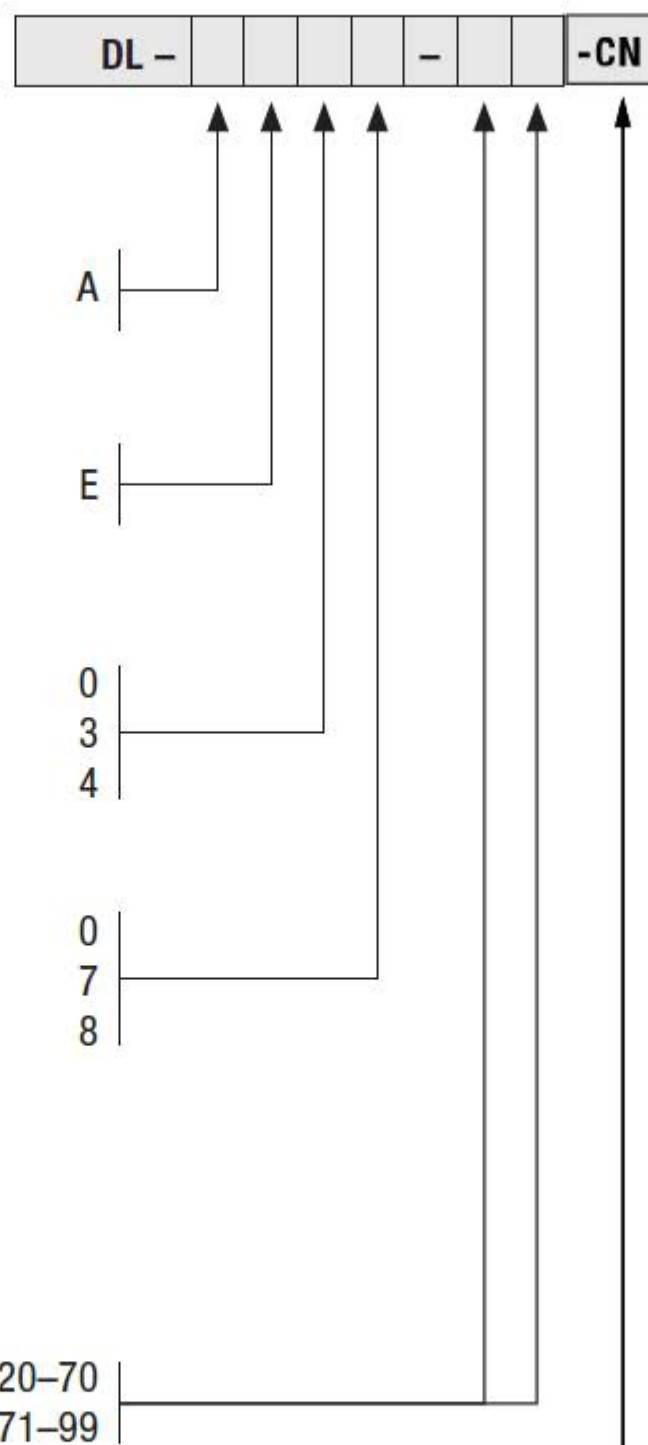
\*\*\* Other lengths may be available: contact factory.

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):

DL-AE47, DL-AG47, DL-AE38, DL-AG38

Examples of non-valid part numbers include all options with no feedthrough connection or compression fittings and a welded sensor length; for example, DL-AE40-20, DL-BE40-20, etc.



### NOTE 1:

Orders for a WELDED sensor/feedthrough combination 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 2:

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 3:

Front Load Dual sensors ordered with a CF40 feedthrough cannot be welded due to dimensional limits of the CF40.

### NOTE 4:

For sensors ordered without a weld connection (option “0” or “8”), tubes are made to a length of approximately 76.2 cm (30 in.)

### NOTE 5:

Front Load Dual sensors welded to lengths between 28 and 34 inches will include a 36 inch in-vacuum cable. Sensors welded to lengths between 34 and 39 inches will include a 48 inch in-vacuum cable.

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