MLT0699 Disposable BP Transducer

Transducer Series

Description

The MLT0699 is a low-cost, light-weight, disposable blood pressure transducer that gives consistent and accurate readings. The transducer can be connected to all ADInstruments Bridge Amps with an MLAC06 Adapter Cable.
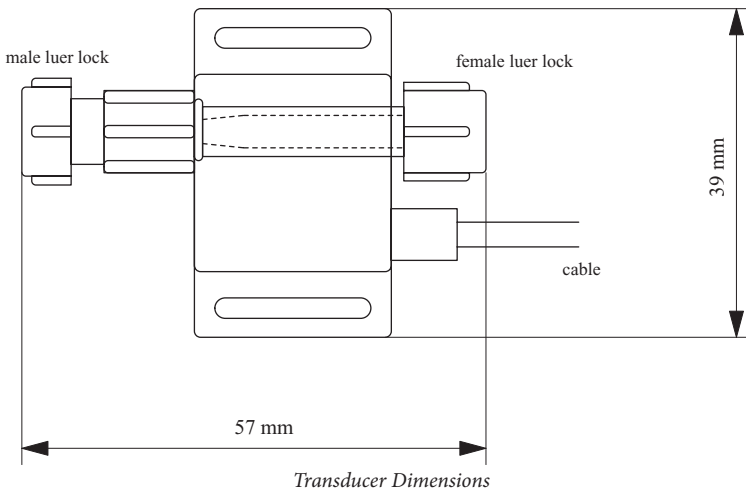
Operation

Before use, finger-tighten all connections. Blood pressure is transmitted to the sensor via a subject cannula or catheter. Before connecting to a catheter, prime the system by flushing three or four times until all visible air bubbles are removed. Use a 10 mL syringe if continuous flushing is not available.

Application

The MLT0699 Disposable BP Transducer is designed for measuring arterial and venous blood pressure in animals, including rodents.

Technical Diagram

male luer lock

female luer lock

39 mm

cable

57 mm

Transducer Dimensions

Caution

Read "Statement of Intended Use" on our website or in "Getting Started with PowerLab" before use.

For animal use only. The transducer is supplied unsterile and not for human use.

Specifications

Operating range:	−50 to +300 mmHg
Excitation voltage:	2 to 10 V DC
Sensitivity (full range):	5 µV/V/mmHg
Overpressure protection:	−400 to +4000 mmHg
Non-linearity and hysteresis:	±2 % of reading or ±1 mmHg (whichever is greater)
Output impedance:	≤400 Ω
Input impedance:	350 Ω ±10%
Operating temperature:	+15° C to 40° C
Storage temperature:	−25° C to +70° C
Operating life:	>500 hours
Cable length:	1.2 m (3.9')
Body:	57 x 39 mm (2.2" x 1.5")
Weight (including cable):	38 g
Connector:	Spacelabs plug

All specifications were tested at the time of printing and are subject to change.

Ordering Information:

MLT0699 Disposable BP Transducer (no stopcock)

      For use with:

      All ADInstruments Bridge Amps using the MLAC06 DIN to Spacelabs adapter cable