package NXT.Ultrasonic_Sensors.Ctors is

    function Make
        (Port      : Sensor_Id)
        return Ultrasonic_Sensor;
        -- Constructs a Lego ultrasonic sensor object using the port specified.
        -- Selects "lego mode" for the port, as this is always necessary.
        -- Selects "continuous" mode.
        -- Sets the device address to 2.

    function Make
        (Port      : Sensor_Id;
        Device_Address : Unsigned_32;
        Mode        : Commanded_Operating_Mode)
        return Ultrasonic_Sensor;
        -- Constructs a Lego ultrasonic sensor object using the port specified.
        -- Sets the device address for the chip within the ultrasonic sensor to the
        -- value specified. Note that the value 2 is likely always required.
        -- Selects "lego mode" for the port, as this is always necessary.
        -- Sets the operating mode to the value specified.

end NXT.Ultrasonic_Sensors.Ctors;