

# How to Order ServoSensor™ Cables

When placing an order, build the desired model number using the model number guide below. For ordering information on cables see page 2.

If you have any questions about how to apply ServoSensors™, please contact Paw Taw John Services at 208-687-1478.

	<b>S</b>							<b>D</b>	<b>8</b>	<b>2</b>	<b>1</b>					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

**SENSOR MODEL (1-2)**

**SH** = Hydraulic rod-style  
**SP** = Profile-style

**HOUSING STYLE (3)**

*Model model SH only (magnet must be ordered separately):*  
**T** = US customary threads, raised-faced hex, and pressure tube  
**S** = US customary threads, flat-faced hex, and pressure tube  
**M** = Metric threads, flat-faced hex, and pressure tube  
**B** = Sensor cartridge only (No application housing, stroke lengths ≤ 72 in.) (RH only)

*Model model SP only (magnet included):*  
**M** = Floating magnet (Open ring) (Part no. 251416-2)  
**S** = Captive-sliding magnet with joint at top (Part no. 252182)  
**V** = Captive-sliding magnet with joint at front (Part no. 252184)

**STROKE LENGTH (4-8)**

\_\_\_\_. \_\_\_\_ **U** = Inches and tenths (Encode in 0.1 in. increments)  
 \_\_\_\_ \_\_\_\_ **M** = Millimeters (Encode in 5 mm increments)

**STROKE LENGTH NOTE:**  
 SH or SP sensor stroke range = 1-132 in. (25 - 3355mm)

**CONNECTION TYPE (9-11)**

*Integral connector*  
**D82** = Dual 8-pin DIN connectors, integral, standard

**INPUT VOLTAGE (12)**

**1** = +24 Vdc (+20%, - 15%), standard

**OUTPUT (13-15)**

**V**\_\_ = Voltage Output ±10Vdc Maximum (Range to be specified - see example below)  
**A**\_\_ = Current Output ±50 mA Maximum (Range to be specified - see example below)

**Example**  
**V10** = ±10Vdc Output  
**A20** = ±20 mA Output

**PROGRAM (16)**

**1** = Proprietary serial protocol (Replacement Units Only)  
**2** = ASCII serial protocol (for PC Based Systems)  
**3** = Standard ASCII serial protocol (for PLC Systems)

**NOTES:**

- ServoSensors™ are manufactured with an 8-pin male DIN connector.
- For applications requiring baud rates other than the default value (115.2 kBd), the ServoSensor™ must be reprogrammed. If no programming capability exists, customers must consult Paw Taw John Services at time of order to specify desired baud rate.

