

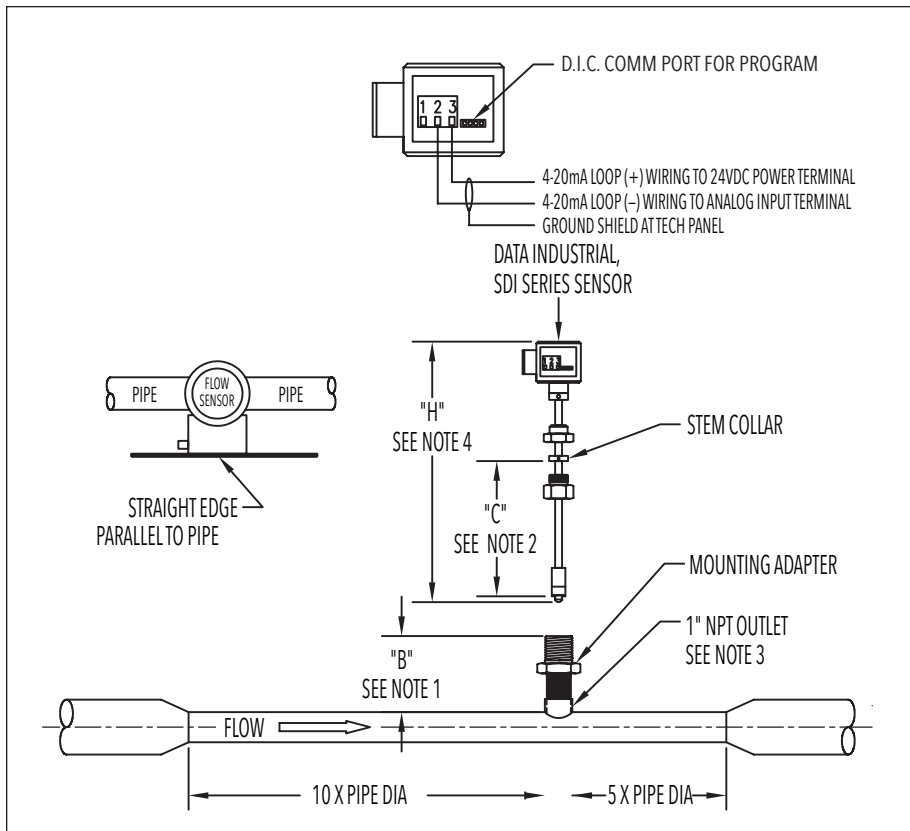


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# SDI Flow Transmitter Installation

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Calibrated part	Pipe (STD) size	GPM (L/SEC)	"C" INCH (MM)	MAX "B" INCH (MM)	"H" INCH (MM)
137411	3" (3.068" I.D.)	250 (16)	2 <sup>3</sup> / <sub>8</sub> (60) + B	6.375 (162)	15 <sup>3</sup> / <sub>4</sub> (400)
137412	4" (4.026" I.D.)	400 (25)	2 <sup>23</sup> / <sub>32</sub> (69) + B	6.031 (153)	15 <sup>3</sup> / <sub>4</sub> (400)
137413	6" (6.065" I.D.)	850 (54)	2 <sup>31</sup> / <sub>32</sub> (75) + B	5.781 (147)	15 <sup>3</sup> / <sub>4</sub> (400)
137414	8" (7.981" I.D.)	1,750 (110)	3 <sup>19</sup> / <sub>32</sub> (91) + B	5.156 (131)	15 <sup>3</sup> / <sub>4</sub> (400)
137415	10" (10.020" I.D.)	3,150 (199)	4 <sup>1</sup> / <sub>4</sub> (108) + B	7.75 (197)	19 (483)
137416	12" (11.938" I.D.)	5,000 (315)	4 <sup>27</sup> / <sub>32</sub> (123) + B	7.156 (182)	19 (483)
137417	14" (13.250" I.D.)	6,400 (404)	3 <sup>1</sup> / <sub>4</sub> (83) + B	8.75 (222)	19 (483)
137418	16" (15.250" I.D.)	9,100 (574)	3 <sup>17</sup> / <sub>32</sub> (90) + B	8.469 (215)	19 (483)
137419	18" (17.250" I.D.)	12,400 (782)	3 <sup>27</sup> / <sub>32</sub> (98) + B	8.156 (207)	19 (483)
137420	20" (19.250" I.D.)	16,500 (1041)	4 <sup>1</sup> / <sub>8</sub> (105) + B	7.875 (200)	19 (483)

## NOTES:

- 1) The height of "B" should be measured from the outside wall of the pipe to the top of the fitting.
- 2) "C" is the distance from the recess of the sensor tip to the bottom of the stem collar.
- 3) Sensor should be located along the pipe for a minimum distance of 10 X pipe diameters upstream and 5 X pipe diameters downstream of the sensor.
- 4) Tap location for a horizontal pipe is on top. If trapped air or debris will interfere, then the sensor should be located around the pipe from the top preferably not more than 45 degrees from top dead center. Any circumferential location is correct for installation in vertical pipes.
- 5) Pipe sizes for reference only - depending on pipe material, tapping saddle, or existing hardware, longer sensor length may be required - contact Xylem.

**xylem**  
Let's Solve Water

Xylem Inc.  
8200 N. Austin Ave.  
Morton Grove, IL 60053  
Tel (847) 966-3700  
Fax (847) 965-8379  
www.bellgossett.com

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