

CMCP320 Series Transducer Switchbox with Online or Control System Outputs



Features:

- Compatible with Accelerometers and Dual Output 4-20mA Sensors
- Output Terminals for PLC or Online Systems
- Switchable Output (Channels 1 thru 12)
- MS 5015 2 Pin Connector and BNC Output
- IP66, NEMA 4/4X Rated
- Polycarbonate, Painted Steel or Stainless Steel Enclosure Options
- Pluggable Terminal Strips
- Quick Release Door Latches
- Optional IP68 Cord Grips

Product Overview

The CMCP320 Series Switchable BNC Box allows for the use of up to twelve (12) dual output 4-20mA sensors and/or standard accelerometers. An internal selector switch allows the user to select if the sensor input is from either a dual output 4-20mA sensor or a standard accelerometer. When set to 4-20, the 4-20mA signal is passed to the output terminals for connecting to a PLC, SCADA or DCS system and the dynamic (raw) signal is passed to the BNC output to allow for connections with a portable data collector. When used with accelerometers, the signal is sent to both the BNC, for use with portable data collectors, and the output terminal for use with an online system. The CMCP320 Series is available in either a polycarbonate, painted steel or stainless steel NEMA4/4X, IP66 rated enclosure. Optional IP68 cord grips are available and will come installed when ordered.

Electrical Specifications:

Terminals

Input Terminals: Twelve (12) Pluggable Terminal Blocks, 4 Position
Output Terminals: Three (3) Pluggable Terminal Blocks, 12 Position
Terminal Type: Screw Connection
Wire Size: 14-22AWG
Isolation: Electrically Isolated

Output

Connection: 50Ω BNC Jack (Female)
2 Pin MS 5015 Connector
Switch: Twelve (12) Position Rotary Switch
Switch Type: Make Before Break

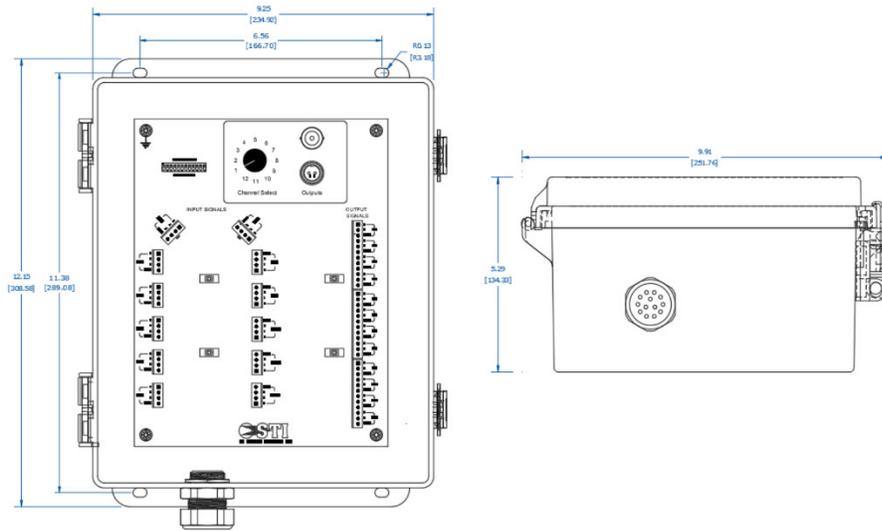
Environmental Specifications:

Material: Polycarbonate (PC Option), Mild Steel (PS Option), 304SS (SS Option)
NEMA Rating: NEMA4X (PC or SS Options), NEMA 4 (PS)
Temperature Range: -55 to +85°C (-67 to 185°F)
Door Closure: 3/4 Turn Quick Release Latch (Steel) or Quick Release Latches (Fiberglass)

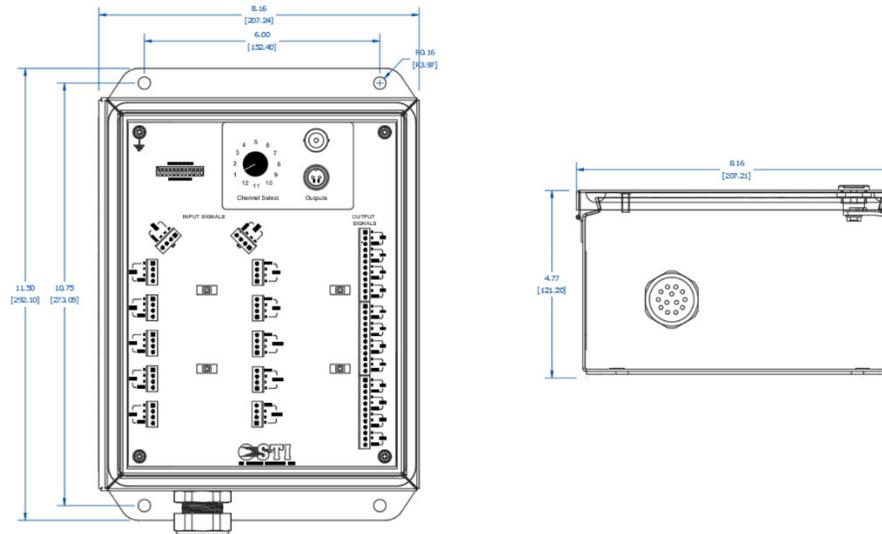
Optional Cord Grips:

Material: Nylon / Zinc Plated Steel
IP Rating: IP68
Cable Diameter: 0.17"-0.22" Cable Diameter
Location: Enclosure Bottom

**Mechanical Specifications:
Polycarbonate Enclosure (PC)**



Painted Steel and Stainless Steel (PS or SS)



Ordering Guide

CMCP320	-XX	-XX	-XX	Description
	-PC			NEMA 4X, IP66 Polycarbonate Enclosure
	-PS			NEMA 4, IP66 Painted Steel Enclosure
	-SS			NEMA 4X, IP66 Stainless Steel Enclosure
		-06		6 Channels
		-12		12 Channels
			-NE	No Cable Entries
			-CG	Cord Grips Installed

Example Part Number

CMCP320PC-12-CG
 12 Channel Switchable BNC Junction Box
 Cord Grips Installed In Bottom for 12 Sensors