



DISCONTINUED PRODUCT NOTIFICATION

NOTIFICATION DATE: November 24, 2020
PRODUCT DISCONTINUATION #: M series joysticks - C potentiometer option
PRODUCT REPLACEMENT #: M series joysticks – P potentiometer option
LAST TIME SHIPMENT: February 24, 2021

Dear Valued Customer:

This letter is to inform you that the **C** potentiometer option for the M series joystick has been discontinued. The C potentiometer has been discontinued from the manufacturer and is no longer available. Remaining supply is extremely limited. No last time buy can be offered.

M11C011C	M21L0E1C	M31L0M1C	M41L091C	M2905
M11L001C	M21L0H1C	M31L0M1C1625	M41L0N1C	
M11L061C	M21L0H1C1799	M31L0M1C1798		
M11L061CY		M31Q0M1CMJ0		

M series joysticks configured with the **P** and **R** potentiometers will serve as alternatives for the discontinued option. The comparison chart below details technical specifications for these potentiometers.

POTENTIOMETER OPTION	P	R	C
ELECTRICAL ELEMENT	CONDUCTIVE PLASTIC	CONDUCTIVE PLASTIC	CONDUCTIVE PLASTIC
RESISTANCE	5KΩ +/-20%	5KΩ +/-20%	10KΩ +/-20%
POWER RATING	.25W @ 40°C	1.0W @ 85°C	.5W @ 70°C
TEMPERATURE RATING	-10°C to +85°C	-40°C to +125°C	-10 to +85°C
ELECTRICAL TRAVEL	220° +/- 10°	50° +/- 4°C	270° +/- 5°C
ROTATIONAL LIFE	1M	10M	1M

In addition to the **R** and **P** potentiometer options, APEM also offers the JC series Hall effect joystick. The JC series matches the panel cutout dimensions of the M series Resistive joystick, but provides the added benefits of long life Hall effect technology.

Please contact your APEM sales representative for further information.

Best regards,

Mark Petersen
 Product Manager