



DISCONTINUED PRODUCT NOTIFICATION

NOTIFICATION DATE: March 22, 2021

PRODUCT DISCONTINUATION #: Standard & Compact series joysticks - **F** potentiometer option

PRODUCT REPLACEMENT #: Standard & Compact series joysticks – **P** potentiometer option

Dear Valued Customer:

This letter is to inform you that the **F** potentiometer option for the Standard and Compact series joysticks has been discontinued. The F potentiometer has been discontinued from the manufacturer and is no longer available. Remaining supply is limited, and last time buys may be placed while supplies last. Affected part numbers are listed below:

C10O061FMJ	S10C011F	S30L081F
C10O0C1FFJBLK	S10L031F	S30L081F50
C10O0C1FMJ0	S10L031F1670	S30L081F501156
C10O0C1FMJ0BLK	S10Q001F	S40C091F
C20O0E1F	S10Q1A1F	S40L091F
C30O081FFJBLK	S10X0X1F1765	S40L091F50
C30O081FMJ0BLK		S40L0N1F
C30O081FMJ5S		
C40O091FFJC1BLK		

S & C series joysticks configured with the **P** potentiometer will serve as alternatives for the discontinued option. The comparison chart below details technical specifications for these potentiometers.

Potentiometer Option:	P	F
Electrical element:	Conductive Plastic	Conductive Plastic
Resistance:	5K Ω \pm 20%	5K Ω \pm 20%
Power rating:	0.25W @ 40°C	0.5W @ 70°C
Temperature range:	-10°C to + 85°C	-10°C to + 85°C
Electrical travel:	220° \pm 10°	220° \pm 5°
Linearity:	\pm 1%	\pm 5%
CRV:	\pm 1.5%	\pm 1.5%
Rotational life:	1,000,000 life cycles	1,000,000 life cycles
RoHS & REACH compliant:	Yes	Yes

Please contact your APEM sales representative for further information.

Best regards,

Mark Petersen, Product Manager