

HAZARDOUS AREA APPROVALS
Class I, Division 2, Groups A, B, C & D and Type 4X

XPAC

I. SIZES

L Series (80000 lb thrust or less; 22 inch stroke or less)
Includes Fail-in-Place and Spring Failure

R Series (400000 lb-in or less; 90°, 120° or 270° rotation)
Includes Fail-in-Place and Spring Failure

D Series (100000 lb-in or less)

Power Modules

B, C and 2C - Temperature Code T3C

¼D, ½D, D, 2D and 4D - Temperature Code T3C

Booster Pump

P9 - Temperature Code T3A

II. UNIT CLASSIFICATION

Designation	Description
C2	CSA CL I, DIV 2 actuator CI I, Div 2 enclosure
CA	CSA CL I, DIV 2 actuator Type 4X enclosure

III. CONTROL ENCLOSURE

a.) Control Signal

4-20 mA (standard)

10-50 mA

0-5 Vdc

Pulse control

b.) Power Supply

Designation	Module
C2	B 115 Vac, 24 Vdc, 220 Vac
"	¼D, ½D, C, 2C 115 Vac
"	D, 2D 220 Vac
CA	non-qualified—same as Type 4X units

Hazardous Area Approvals

Class I, Division 2, Groups A, B, C & D and Type 4X

c.) Cable Length

B module: connecting cable up to 350 ft

C module: connecting cable up to 750 ft

¼D, ½D, D module: connecting cable up to 750 ft

d.) Enclosure Material

<i>Designation</i>	<i>Description</i>
C2, CA	steel, fiberglass, stainless steel

IV. MISCELLANEOUS OPTIONS

POSITION TRANSMITTER; 4-20 mA output; passive only (TM12)

LIMIT SWITCHES; electronic or mechanical (TM13)

ELECTRICAL TRANSIENT

MANUAL OVERRIDE (TM15)

EXTERNAL CONTROL (TM17)

SURGE CONTROL (TM20)

SCREW TERMINALS



MPAC

I. SIZES

ML Series (20000 lb thrust or less; 6 inch stroke or less)

Includes Fail-in-Place and Spring Failure

MR Series (400000 lb-in or less; 90°, 120° or 270° rotation)

Includes Fail-in-Place and Spring Failure

MD Series (100000 lb-in or less)

Power Modules

B, C and 2C - Temperature Code T3C

II. UNIT CLASSIFICATION

Designation	Description
C2	CSA CL I, DIV 2 actuator CI I, Div 2 enclosure

