

Product Code

27120/M12

Electronic Expansion Valve
12mm ODS
PS = 50 bar



Product use

Castel step-motor expansion valves series 271, 272, 273 regulate the flow of the liquid refrigerant into evaporators by modulating the valve shutter position in a calibrated orifice, allowing a wide capacity regulation range.

Accessories for use with the following ASHRAE 34:2019 refrigerants, Class A1, A2L, or A3:

HFC (R134A, R32, R404A, R407C, R410A, R507)

HFO (R1234YF, R1234ZE)

HFO + HFC (R448A, R449A, R450A, R452A, R452B, R454A, R454B, R454C, R455A, R513A, R515A, R515B)

HC (R290, R600, R600A, R1270)

Product Details

Connections In Ø [in.] -

Connections In Ø [mm] 12

Out Ø [in.] -

Out Ø [mm] 12

PS [bar] 50

TS [°C] min. -40

TS [°C] max. +60

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Voltage [V]	6
Power [W]	2,4
Steps	415
Degree of protection	IP65
Package pcs.	5

Notes where expressly stated

Bipolar stepper motor with permanent magnets