

Datasheet

Straight Male, POM

RS Stock number 838-811

1502324768

Double differential relief valve,
(RS stock no. 838-811)



A double differential relief valve for protecting enclosures from imbalance of internal or external pressure.

Manufactured from polycarbonate and stainless steel, a manual override facility enables any pressure or vacuum imbalance to be equalised before enclosure entry or cover plate removal.

They are ideal for the protecting of sealed enclosures that would otherwise be subjected to damage due to differential pressure from within or without. Typical applications are in airborne equipment, air cargo containers and other equipment subject to altitude or temperature change.

The valve requires a 30.5mm Ø clearance hole.

Technical specification

Parameter	RS stock no. 838-811
Humidity	5 to 90% non-condensing
Operating temperature	-40°C to +70°C
Opening pressure	Outward 1 psi Inward 1 psi
Nominal flow rate	200 l/min @ 0.5 psi above opening pressure
Max. reverse leakage	Less than 1cc per hour
Environmental protection	Resistant to alcohols, ethers, weak acids and bases
Tightening torque	5Nm

Figure 6 Double differential relief valve

