


020B1012
Check valve, NRV 12s, Max. Working Pressure [bar]: 49.0

Inlet connection type: Solder, ODF, Outlet connection type: Solder, ODF,
Direction: Straightway, Packing format: Multi pack

PRODUCT DETAILS

Gross weight	0.098 Kg
Net weight	0.087 Kg
Volume	0.144 Liter
EAN	5702428291231
Approval	C UL US LISTED EAC LLC CDC EURO-TYSK
Body material	Brass
China RoHS compliance	Out of scope
Connection material	Copper
Cv value [gal/min]	2.8 gal/min
Design	Piston
Direction	Straightway
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction	Single-flow
Flow direction indicator	On product label
Fluid Group	1 2
Identical product	020B1155
Ignition source assessment	Yes
In scope of WEEE and contain batteries	No
Inlet connection type	Solder, ODF
Inlet size [in]	1/2 in
Kv value [m³/h]	2.42 m ³ /h
Lubricants compatibility	Oilfree applications
Max. Working Pressure [bar]	49 bar
Max. Working Pressure [psig]	710 psig
Min. Pressure drop [bar]	0.05 bar
Min. Pressure drop [psi]	0.7 psi
MinODP [bar]	0.02 bar
MinODP [psi]	0.29 psi
Oil free refrigerants	R1234ze(E) R134a R513A R515B R516A
Outlet connection type	Solder, ODF

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PRODUCT DETAILS

Outlet size [in]	1/2 in
Packing format	Multi pack
PED category	Art. 4, par. 3
Product group	Check valves
Product Name Description	Check valve
Quantity per packing format	24 pc
Rated cap cond, Hot gas [IMP]	tcond=86 °F tdisc=176 °F tevap=14 °F thotgas=140 °F tsub=9 °F
Rated cap cond, Hot gas [SI]	tcond=30 °C tdisc=80 °C tevap=-10 °C thotgas=60 °C tsub=5K
Rated cap cond, Liq. cap [IMP]	tcond=86 °F tevap=14 °F tsub=9 °F
Rated cap cond, Liq. cap [SI]	tcond=30 °C tevap=-10 °C tsub=5K
Refrigerants	R1233zd(E) R1234yf R1234ze(E) R1270 R134a R170 R22/R407C R290 R32 R404A/R507A R407A R407F R407H R410A R448A R449A R449B R450A R452A R452B R454A R454B R454C R455A R513A R515B R516A R600 R600a
Temperature range [°C] [max]	155 °C
Temperature range [°C] [min]	-50 °C
Temperature range [°F] [max]	311 °F

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PRODUCT DETAILS

Temperature range [°F] [min]	-58 °F
Type	NRV 12s
UK RoHS compliance	Out of scope
UL approval file name	REFRIGERANT VALVE 53R0
UL approved refrigerants	R1233zd(E) R1234yf R1234ze(E) R1270 R134a R170 R22 R290 R32 R404A R407A R407C R407F R407H R410A R448A R449A R449B R450A R452A R452B R454A R454B R454C R455A R507A R513A R515B R516A R600 R600a

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