

**032U3691** **Solenoid valve, EV225B, Function: NC, NPT, 1/2, 2.200 m³/h, PTFE**

Media recommendations: Steam, Approval: cURus recognized; C UL US LISTED, Body material: DZR brass, Operation: Servo-operated (diaphragm), Number of ways: 2/2

PRODUCT DETAILS

Gross weight	0.469 Kilogram
Net weight	0.415 Kilogram
Volume	0.842 Liter
EAN	5702423231171
Actuator	B
Actuator size	13.5 mm
Actuator size [in]	0.53 in
Actuator system [mm]	13.5 mm
Ambient temperature max. [°C]	40 °C
Ambient temperature max. [°F]	104 °F
Approval	C UL US LISTED cURus recognized
Body material	DZR brass
China RoHS compliance	Out of scope
Connection Internal/External	Internal
Connection material	DZR brass
Connection size [in]	1/2
Connection standard	ANSI/ASME B1.20.1
Connection type	NPT
Cv value [gal/min]	2.55 gal/min
Differential pressure [bar] [max]	10 bar
Differential pressure [bar] [min]	0.7 bar
Differential pressure [psi] [max]	145 psi
Differential pressure [psi] [min]	10 psi
EEE category	5 small equipment (any external dimension 50 cm)
Est. time to close, water [ms]	20 ms
Est. time to open, water [ms]	20 ms
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction	Single-flow
Fluid Group	1
Function	NC
In scope of WEEE	Yes
In scope of WEEE and contain batteries	No
Kv value [m³/h]	2.2 m ³ /h
Max media viscosity [cSt]	50 cSt
Max. test pressure [bar]	25 bar

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PRODUCT DETAILS

Max. test pressure [psig]	363 psig
Max. Working Pressure [bar]	24.1 bar
Max. Working Pressure [psig]	350 psig
Media recommendations	Steam
Media tolerance comments	Slightly aggressive media
Medium temperature range [°C] [max]	185 °C
Medium temperature range [°C] [min]	-10 °C
Medium temperature range [°F] [max]	365 °F
Medium temperature range [°F] [min]	14 °F
Number of ways	2/2
Operation	Servo-operated (diaphragm)
Orifice size [mm]	10 mm
Orifice size fraction [in]	3/8 in
Packing format	Multi pack
Product group	Solenoid valves
Product Name Description	Solenoid valve
Quantity per packing format	24 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Seal Material	PTFE
Serviceable	Solenoid valve spare parts
Specification key	EV225B 10BD N 12T NC000
Type	EV225B
Type designation	EV225B 10
UK RoHS compliance	Out of scope

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