

**042U4612****Solenoid valve, EV220S, Function: NC, G, 1/2, 3 m³/h, FKM**

Media recommendations: Oil,Comp.Air,Vacuum, Approval: c UL us, Body material: Brass, Operation: Servo-operated (diaphragm), Number of ways: 2/2

PRODUCT DETAILS

Gross weight	0.28 Kilogram
Net weight	0.141 Kilogram
Volume	0.338 Liter
EAN	5715162525647
Type	EV220S
Product group	Solenoid valves
Product Name Description	Solenoid valve
Actuator	S
Actuator size	9 mm clip-on S
Actuator size [in]	0.35 in
Actuator system [mm]	9 mm
Ambient temperature max. [°C]	50 °C
Ambient temperature max. [°F]	122 °F
Application	Open
Approval	c UL us
Body material	Brass
China RoHS compliance	Out of scope
Connection Internal/External	Internal
Connection material	Brass
Connection size [in]	1/2
Connection standard	ISO 228-1
Connection type	G
Contain batteries	No
Cv value [gal/min]	3.45 gal/min
Differential pressure [bar] [max]	10 bar
Differential pressure [bar] [min]	0.2 bar
Differential pressure [psi] [max]	145 psi
Differential pressure [psi] [min]	2.9 psi
Est. time to close, water [ms]	300 ms
Est. time to open, water [ms]	50 ms
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flow direction	Single-flow
Flow direction indicator	Embossed 1-way arrow
Fluid Group	1
Function	NC
Kv value [m³/h]	3 m ³ /h
Max media viscosity [cSt]	50 cSt

Product Detail | Solenoid valve, EV220S, Function: NC, G, 1/2, 3 m³/h, FKM
PRODUCT DETAILS

Max. test pressure [bar]	15 bar
Max. test pressure [psig]	217.5 psig
Max. Working Pressure [bar]	10 bar
Max. Working Pressure [psig]	145 psig
Media recommendations	Oil,Comp.Air,Vacuum
Medium temperature range [°C] [max]	100 °C
Medium temperature range [°C] [min]	-30 °C
Medium temperature range [°F] [max]	212 °F
Medium temperature range [°F] [min]	-22 °F
Number of ways	2/2
Operation	Servo-operated (diaphragm)
Orifice size [mm]	13 mm
Orifice size fraction [in]	1/2 in
Packing format	Multi pack
Parts Program name	EV220S
Product accessories	Solenoid valve accessories
Quantity per packing format	15 pc
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
SCIP dossier no.	5109bece-eeb9-4151-89cf- c63ee268441d
SCIP dossier product name	EV220S
Seal Material	FKM
Serviceable	No
Specification key	EV220S 13B G 12F NC000
Type designation	EV220S 13
UL evaluated	Yes

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Accessories

042N7601 [🔗](#)
Solenoid coil, AS230CS, DIN Spade, Supply voltage [V] AC: 230, Multi pack

Electrical connection: DIN Spade, Supply voltage [V] AC: 230, Frequency [Hz]: 50/60 Hz, Enclosure rating IP: IP00


042N7608 [🔗](#)
Solenoid coil, AS024CS, DIN Spade, Multi pack

Electrical connection: DIN Spade, Actuator size: 9 mm, Enclosure rating IP: IP00

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Accessories



042N7616 [🔗](#)

Solenoid coil, AZ012DS, DIN Spade, Supply voltage [V] DC: 12, Multi pack

Electrical connection: DIN Spade, Supply voltage [V] DC: 12, Enclosure rating IP: IP00



042N7617 [🔗](#)

Solenoid coil, AZ024DS, DIN Spade, Supply voltage [V] DC: 24, Multi pack

Electrical connection: DIN Spade, Supply voltage [V] DC: 24, Enclosure rating IP: IP00

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