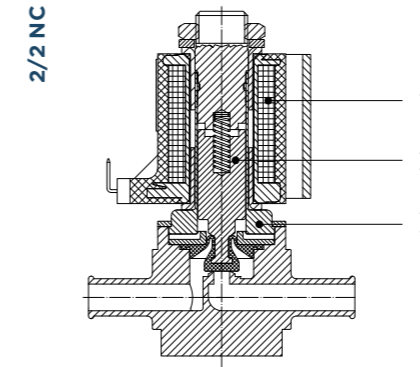
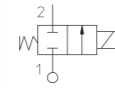


21SBG SERIES

Food Grade NSF, Direct Acting

21SBG are total separation, diaphragm type solenoid valves. Valves do not require a minimum operating pressure. 21SBG valves can be inspected and are suitable for liquid media.



Solenoid Valves ■ General purpose ■ Food Grade NSF ■ **21SBG SERIES**

TECHNICAL DATA

PORT CONNECTION	Hose connection Ø 7 mm	
SEALING MATERIALS	EPDM	
FLUID TEMPERATURE	0°C +95°C	
FLUIDS	Water	
VISCOSITY	-	
TUBE Ø - SERIES	ø 10 mm	HLR7X024CS (class F)
PROTECTION DEGREE	IP00	

- Nominal voltage = 24V DC
- Nominal (cold) power consumption = 7,5 W

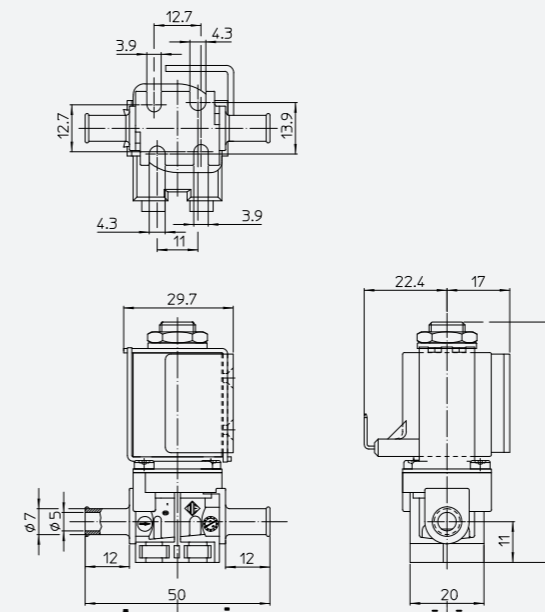
MATERIALS

BODY, ORIFICE	PEI (Polyetherimide)	
ARMATURE TUBE	Brass - UNI EN 12164 CW614N	
FIXED CORE	Stainless steel AISI series 400	
PLUNGER	Stainless steel AISI series 400	
SPRING	Stainless steel AISI series 300	
SEALING	E=EPDM	

- **CE**
 - 2014/35/EU (LVD)
 - 2014/30/EU (EMC)
 - 2014/68/EU (PED)

- **NSF/ANSI 169** certification (Special Food Equipment and Devices) is available for this series. Valves with NSF approval are in compliance with CE regulation 1935/2004.

DRAWING 1



Please read and agree our GENERAL CONDITIONS before placing an order. All the information are exclusive ownership of ODE S.r.l. All rights reserved ©ODE S.r.l.

▪ The fluids listed in the "technical data" tables should be considered as a recommendation. Please check the chemical compatibility of the fluids with the materials of the valve at RFQ stage.
 ▪ For spare parts list please refer to the dedicated chapter.

2/2 NC

PIPE	ORIFICE SIZE		Kv [l/min]	COIL SERIES	PRESSURE [bar]				CODE	DRAWING REFERENCE
	Ø [mm]				MIN	MOPD		PS		
						AC	DC			
Hose connection Ø 7 mm	3	4	HLR7X024CS	0	-	1	1	21SBGS4E30_H036	1	
	5	6	HLR7X024CS	0	-	1	1	21SBGS4E50_H036	1	

- Code is comprehensive of coil
- Available on request with minimum quantities.

CODIFICATION

I	II	III	IV	V	VI	VII	VIII
2	1	SBG	S	4	E	30	- H036

I. NUMBER OF WAYS

2 - 2 - way

II. NUMBER OF ELEMENTS

1 - 1 element

III. SERIES

SBG - total separation diaphragm valve

IV. CORE TUBE TYPE

S - Ø10 mm, for total separation valve

V. PHASE DISP. RING MATERIAL

4 - none

VI. SEALING MATERIAL

E - EPDM

VII. ORIFICE Ø [mm] MULTIPLIED BY 10

VIII. COIL CODE

H036 - Coil HLR7X024CS