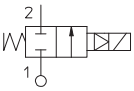


4743 SERIES

General Purpose, 2-way, Indirect Acting

4743 Series is a modular indirect acting solenoid valve, especially designed for water distribution systems. It is provided with an additional G1/8 port, connected to the outlet, for mixing the main water flow with detergents. It can be sold both as single valve or preassembled manifold.



1

TECHNICAL DATA

PORT CONNECTION	Flange inlet - G1/2 outlet	
SEALING MATERIALS	FKM	
FLUID TEMPERATURE	-10°C +140°C	
FLUIDS	water	
VISCOSITY	max 12 cSt	
TUBE Ø - COIL WIDTH - SERIES	ø 13 mm - 30 mm	BDA08, BVA08 (class F), BDV08 (class H)
	ø 13 mm - 36 mm	UDV16 (CLASS H)
INSTALLATION	as required, preferably with actuator upright	
PROTECTION DEGREE	IP65 EN 60529 (DIN 40050) with plug connector	

▪ MOPD values are referred to "standard power" coil range. Please refer to coil chapter.

MATERIALS

BODY, ORIFICE	Brass UNI EN 12165 CW617N
ARMATURE TUBE	Stainless steel AISI Series 300
FIXED CORE	Stainless steel AISI Series 400
PLUNGER	Stainless steel AISI Series 400
PHASE DISPLACEMENT RING	Copper (Cu 99,9%)
SPRING	Stainless steel AISI Series 300
SEALING	V=FKM

2/2 NC

PIPE	ORIFICE SIZE Ø [mm]	Kv [l/min]	COIL SERIES	PRESSURE [bar] MIN	MOPD AC	MOPD DC	PS	SINGLE UNIT CODE
FLANGE - G1/2	12	40	B**08	0,1	16	10	20	4743K0V120
			UDV16	0,1	-	16	20	4743K0V120

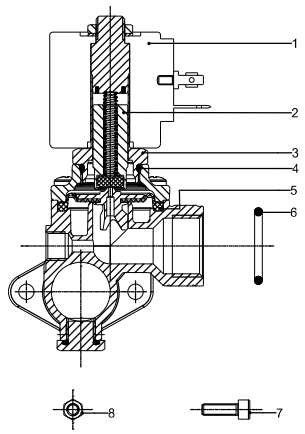
▪ **CE**
- 2014/35/EU (LVD)
- 2014/30/EU (EMC)
- 2014/68/EU (PED), art. 4.3

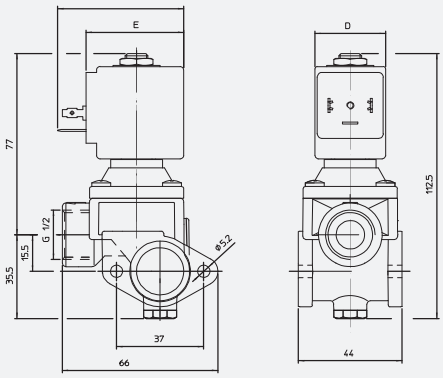
▪ **UL** regognized and **VDE** approved coils are available for this series, please refer to coil section.

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▪ 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.
▪ G type thread in accordance with ISO 228/1.
▪ Low lead brass version available on request, please contact ODE for further details.

2/2 NC MODULAR VALVE





COIL SERIES	DIMENSIONS [mm]		
	D	E	F
B**08	30	42	54
UDV16	36	48	60

CODIFICATION

I	II	III		IV	V	VI
4743	V	5	-	L5	T1	D5

I. SERIES

II. SEALING MATERIAL
V - FKM

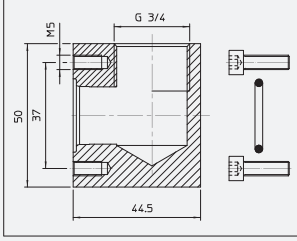
III. NUMBER OF ELEMENTS

IV. LEFT INLET
D5 - G3/4 - Flange (R452696/V)
L5 - G3/4 - "L" Flange (R452695/V)
TO - Closing plate (R452723/V)

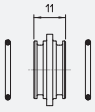
V. MID-CAP (R452619/V)
T1 - YES - (position after element n°1)
00 - NO

IV. RIGHT INLET
D5 - G3/4 - Flange (R452696/V)
L5 - G3/4 - "L" Flange (R452695/V)
TO - Closing plate (R452723/V)

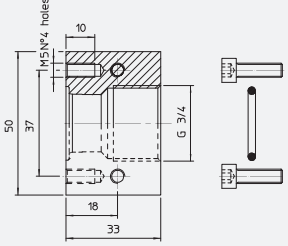
G 3/4 - "L" FLANGE
Code: R452695/V



INTERMEDIATE SEPARATION CAP
Code: R452619/V



G 3/4 - FLANGE
Code: R452696/V



CLOSING PLATE
Code: R452723/V

