

PRESENTATION:

Combined operation S.V. for interception of fluids compatible with the construction materials.
 Minimum operational pressure is not required.
 The materials used and the tests carried out ensure maximum reliability and duration.

USE:

AUTOMATION-HEATING-HYDRAULICS-IRRIGATION-
 FOUNTAINS-CAR WASH-FIRE-COMPRESSED AIR-
 HOME AUTOMATION-REFRIGERATION-
 AGRICULTURE-INDUSTRY-NAUTICAL-EXCHANGE-
 THERMAL-SOLAR ENERGY-COOLING MOLDS

PIPES:

G 1/4 - G 1 1/2

COILS:

8W - Ø 13
 BDA - BSA 155°C (class F)
 BDV 180°C (class H)
 12W - Ø 13
 UDA 155°C (class F)
 14W - Ø 13
 GDA - GDS 155°C (class F)
 GDH - GDV 180°C (class H)

**COIL HOUSING AND COIL FORMER MATERIAL ARE
 MADE BY 100% VIRGIN MATERIAL.**

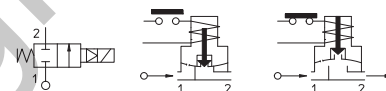
Max. allowable pressure (PS) 16 bar

Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
V=FKM + PA (fluoroelastomer+polyamide)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure						
		cSt	°E				min bar	M.O.P.D.					
								AC bar	DC bar				
G 1/4	21IH2K1V110	12	~ 2	11	20	8 12	0	14 -	6 14				
G 3/8	21IH3K1V150			15	40	8 12		14 -	6 14				
G 1/2	21IH4K1V160			16	50	8 12		14 -	6 14				
G 3/4	21IH5K1V200			20	60	8 12		14 -	6 14				
G 1	21IH6K1V250			25	140	8 12 14		14 -	3 8 14				
G 1 1/4	21IH7K1V350			35	300	8 12 14		8 14 -	- -				
	21IH7K1V350-S					250		8 12 14	- -	1 4 7			
						G 1 1/2		21IH8K1V400	40	320	8 12 14	8 14 -	- 2
								21IH8K1V400-S		250	8 12 14	- -	1 4 7

IDROENERGIAITALIA

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Sede Legale

Registered Office

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con approvazione CE

(direttiva 97/23/CE sulle attrezzature a pressione)

per E.V. 21IH7÷21IH8...-S

Ufficio Commerciale e sede logistica

Commercial and Logistic Office

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MATERIALS:

Body	Stainless steel AISI 316
Armature tube	Stainless steel AISI 316
Fixed core	Stainless steel AISI series 400
Plunger	Stainless steel AISI series 400
Phase displacement ring	Gold plated copper
Spring	Stainless steel AISI series 300
Seal	Standard: V=FKM+PA

Orifice Stainless steel AISI 316

On request:

Connector Pg 9 o Pg 11

Connector conformity ISO 4400

FEATURES:

Electrical conformity	IEC 335
Protection degree	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

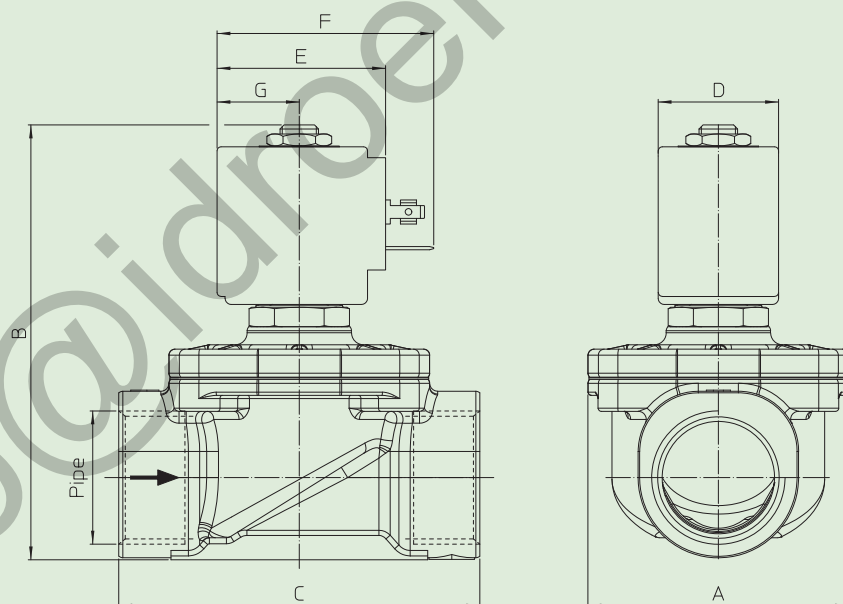
SPARE PARTS:

1. Coil:	G 3/4	Code R452899/V
See coils list	G 1	Code R452846/V
2. Complete plunger:	G 1 1/4 ÷ G 1 1/2	Code R452904/V
Code R450811		
3. Gasket O-Ring:		
Code R990000/V		
4. Gasket O-Ring:		
G 1/4 ÷ G 1/2	Code R990105/V	
G 3/4	Code R992103/V	
G 1	Code R992109/V	
G 1 1/4 ÷ G 1 1/2	Code R992101/V	
5. Complete diaphragm with plunger:		
G 1/4 ÷ G 1/2	Code R452894/V	

MAINTENANCE KIT:

G 1/4 ÷ G 1/2
KTGIH3K1V15=4+5
G 3/4
KTGIH5K1V20=4+5
G 1
KTGIH6K1V25=4+5
G 1 1/4 ÷ G 1 1/2
KTGIH7K1V35=4+5

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21IH2K1V110	G 1/4	52	87	56
21IH3K1V150	G 3/8		92	68
21IH4K1V160	G 1/2			
21IH5K1V200	G 3/4	58	100	75
21IH6K1V250	G 1	65	109	90
21IH7K1V350	G 1 1/4	94	126	128
21IH7K1V350-S				
21IH8K1V400	G 1 1/2			
21IH8K1V400-S				

COIL TYPE	POWER ABSORPTION			DIMENSIONS			
	W ---	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm
B	8	14,5	25	30	42	54	20,5
U	12	23	35	36	48	60	23,5
G	14	27	43	52	55	67	25