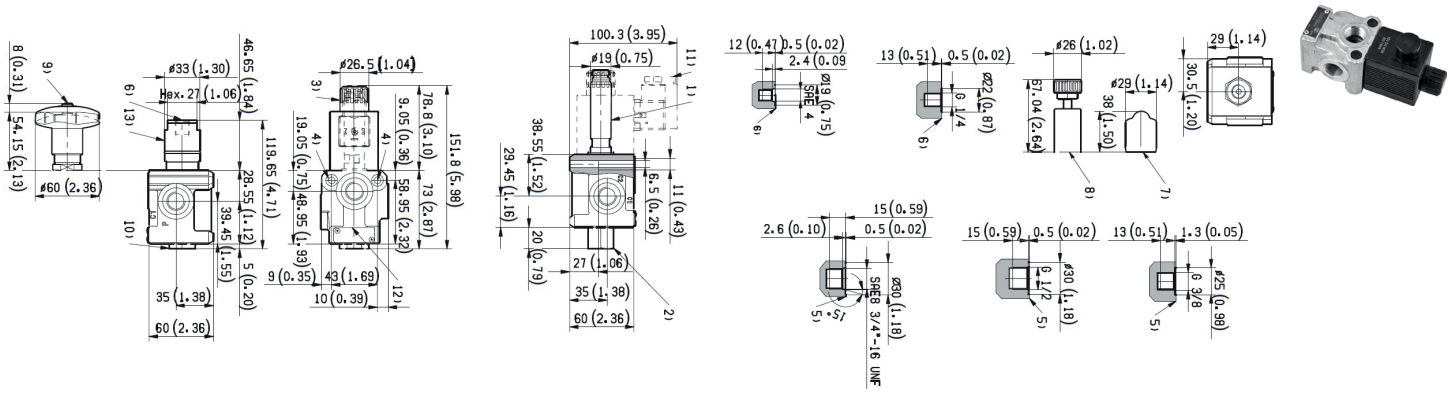
SELECTEUR DE CIRCUIT ELECTRIQUE 3 VOIES
3 WAY SOLENOID OPERATED DIVERTER VALVE

VS 82



Code *Code* 12 VDC	Code *Code* 24 VDC	Type *Type*	N° Elements *Elements no.*	Voies *Ports*	P C1 - C2 BSP	Q MAX l/min	P MAX bar	kg
ELVS082012	**ELVS082024**	L7054113AI*010	1	3	1/2"	60	250	1.74

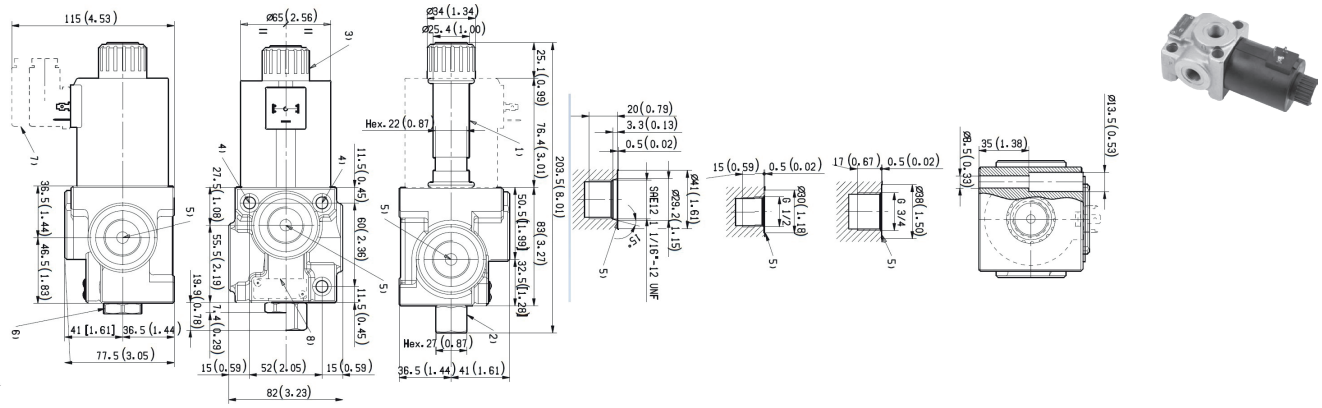
Voltage type * : OB = V 12DC OC = V 24 DC

SUR DEMANDE : DRAINAGE EXTERNE P MAX.: 310 bar

ON REQUEST : EXTERNAL DRAIN P MAX.: 310 bar

SELECTEUR DE CIRCUIT ELECTRIQUE 3 VOIES
3 WAY SOLENOID OPERATED DIVERTER VALVE

VS 92



Code *Code* 12 VDC	Code *Code* 24 VDC	Type *Type*	N° Elements *Elements no.*	Voies *Ports*	P C1 - C2 BSP	Q MAX l/min	P MAX bar	kg
ELVS092012	**ELVS092024**	L7065143AI*010	1	3	3/4"	140	250	4.5

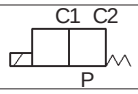
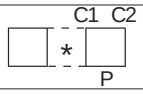
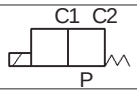
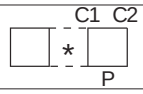
Voltage type * : OB = V 12DC OC = V 24 DC

SUR DEMANDE : DRAINAGE EXTERNE P MAX.: 310 bar

ON REQUEST : EXTERNAL DRAIN P MAX.: 310 bar

Portata max. *Max flow*	**140 l/min**	**Codice** *Code* L 7 0 6 U J W V X Y Z
Pressione max. *Max pressure*	**310 bar**	**Modello** *Model* **VS 91/92/95**
Attacchi *Ports*	**1/2"G-3/4"G-SAE12**	
Descrizione: *Description:*	**Deviatori di flusso a 3 vie** *3 ways flow diverters*	

SCHEMA *CIRCUIT*

Codice *Code*	Schema *Circuit*	* Posizione transitoria ** Transit position*	Codice *Code*	Schema *Circuit*	* Posizione transitoria ** Transit position*
W			W		
3A			3B		
			3C		
3N			3D		

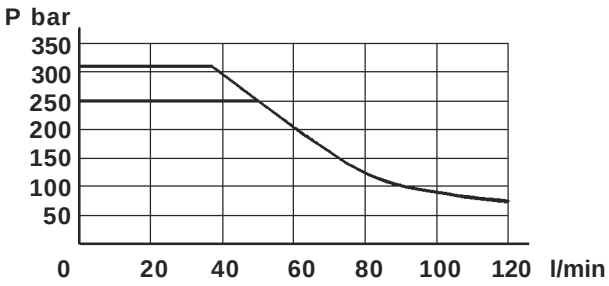
CARATTERISTICHE TECNICHE *TECHNICAL FEATURES*

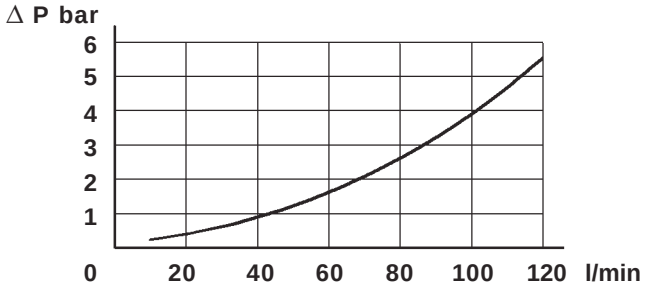
V	Drenaggio *Drain*	Schema *Circuit*	Tipi di circuiti - *Spool types* 3A	3B	3C	3D	3N				Pressione *Pressure* max bar
I	Int. D.I.		250	250	250	250	250				
E	Ext. D.E.		310	310	310	310	310				

Prestazioni massime
Maximum performance

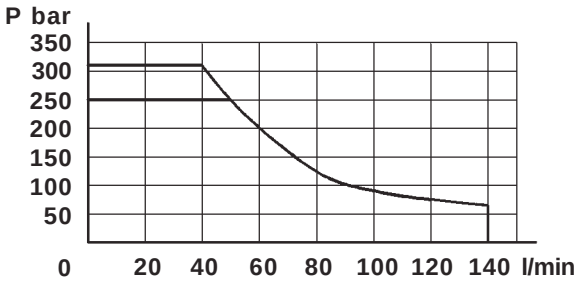
Cadute di pressione
Pressure drop

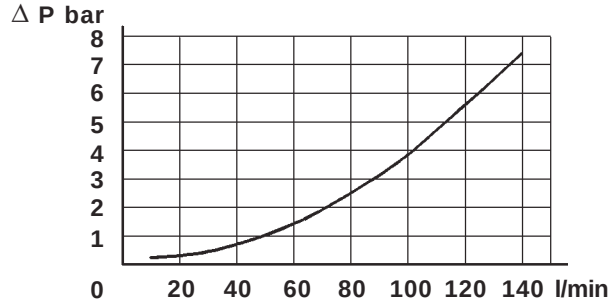
VS 91





VS 92/5

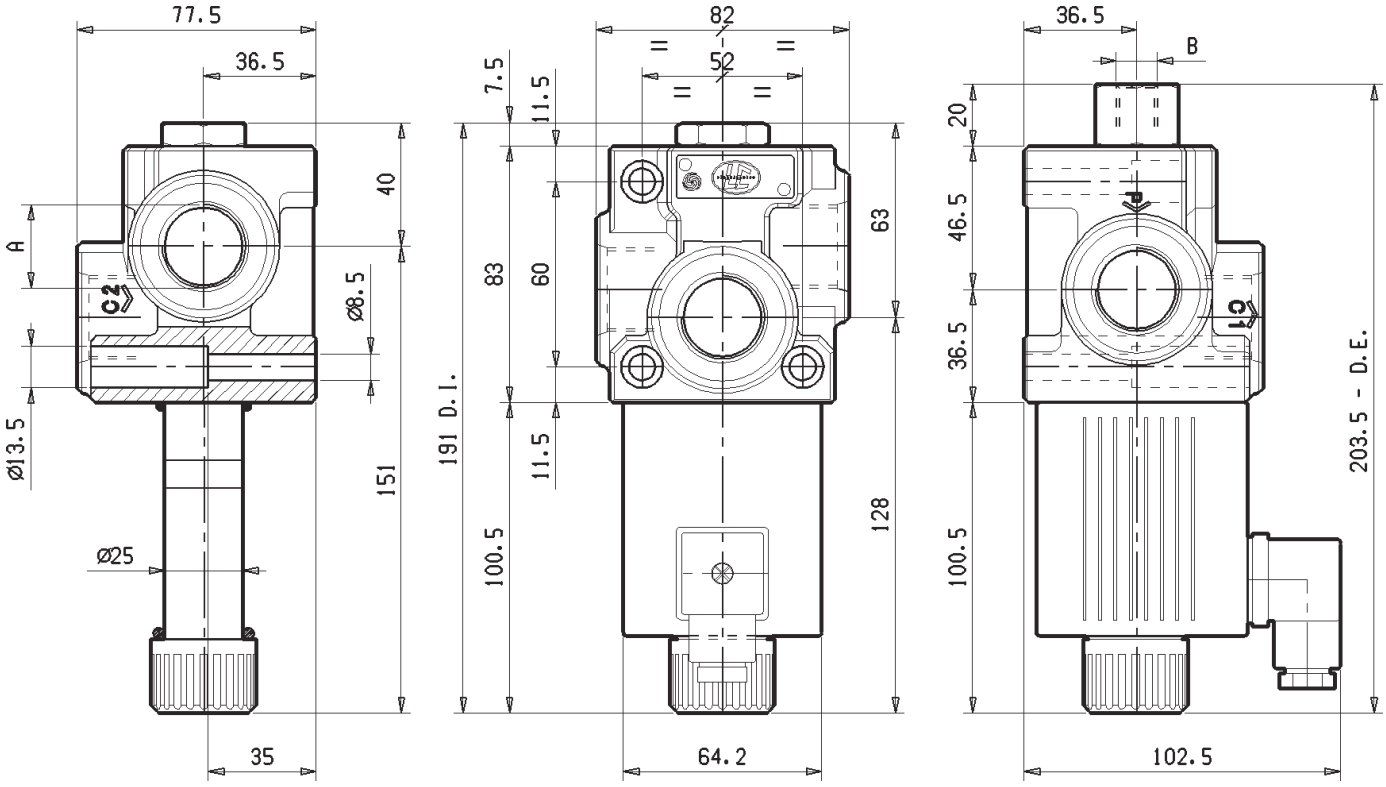




Trafilamenti interni sugli utilizzi C *Internal leakage on C ports*	MIN cm^3/ min	MAX cm^3/ min	Olio minerale, viscosità 32 cSt, 40°C, pressione di 100 bar. *Mineral oil with 32 cSt viscosity, at 40°C and 100 bar pressure.*
	12	30	

DIMENSIONI DI INGOMBRO *OVER-ALL DIMENSIONS*

U	Attacchi(A) *Ports (A)*	Attacchi(B) *Ports (B)*	Modello *Model*
4	1/2" Gas	1/4" Gas	VS 91
5	3/4" Gas	1/4" Gas	VS 92
E	SAE 12	SAE 4	VS 95

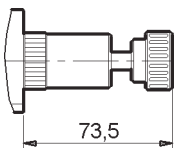
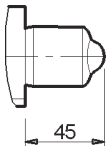


Pesi *Weights*
3.8 kg

MOMENTI MASSIMI DI SERRAGGIO *MAXIMUM BLOCKING TORQUES*

Cannotto *Tube*	Ghiera blocco bobina *Retainer nut*	Viti di fissaggio *Fixing screws*
ch. 19mm: 25÷27Nm	7÷8Nm	N°3 DIN 912-8.8 M8x45: 15÷16Nm

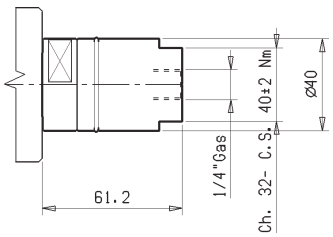
ACCESSORI *OPTIONALS*

J_F	Comando manuale di emergenza a vite EF *Screwed manual override EF* Riferimento - *Reference*: LC2DZEF	J_P	Comando manuale di emergenza a pulsante EP *Push-button manual override EP* Riferimento - *Reference*: 281-0010
			

ALTRI COMANDI *OTHER ACTUATORS*

J	X	Comando oleopneumatico OP *Oleopneumatic actuator OP* **Riferimento -** *Reference*: **LC2ZP**	Pressione di pilotaggio *Pilot pressure*	
P1	00		P. Max 200bar	P. Min 4bar*

*** Con drenaggio esterno (DE).**
With external drain (DE).



Con drenaggio interno (DI), considerare un rapporto di pilotaggio 11:1.
Esempio: utilizzi (C1, C2) a 100 bar, pressione minima di pilotaggio 100:11 = 9,09 bar.

With internal drain (DI), allow for pilot ratio 11:1.
Example: at 100 bar pressure (C1, C2), will need a minimum pilot pressure of 100:11 = 9,09 bar.

CODICE DI ORDINAZIONE *ORDERING CODE*

L	7	0	6	U	_	J	_	W	V	X	_	Y	_	Z

U	ATTACCHI *PORTS*
—	**VEDI PAGINA PRECEDENTE** *SEE PREVIOUS PAGE*

W	SCHEMA *CIRCUIT*
— —	**VEDI PAGINA PRECEDENTE** *SEE PREVIOUS PAGE*

V	DRENAGGIO *DRAIN*
—	**VEDI PAGINA PRECEDENTE** *SEE PREVIOUS PAGE*

Y	CONNESSIONE *CONNECTION*
00	**SENZA BOBINA, SENZA CONNETTORE** *WITHOUT COIL AND CONNECTOR*
01	**CON BOBINA, SENZA CONNETTORE** *WITH COIL, WITHOUT CONNECTOR*
02	**CON CONNETTORE DIN 43650** *WITH CONNECTOR DIN 43650*

J	AZIONAMENTO *OPERATED*
14	**AZIONAMENTO ELETTRICO (DZ)** *ELECTRICALLY OPERATED (DZ)*
4F	**AZIONAMENTO ELETTRICO + EF** *ELECTRICALLY OPERATED + EF*
4P	**AZIONAMENTO ELETTRICO + EP** *ELECTRICALLY OPERATED + EP*
P1	**AZIONAMENTO OLEOPNEUMATICO (OP)** *OLEOPNEUMATICALLY OPERATED (OP)*

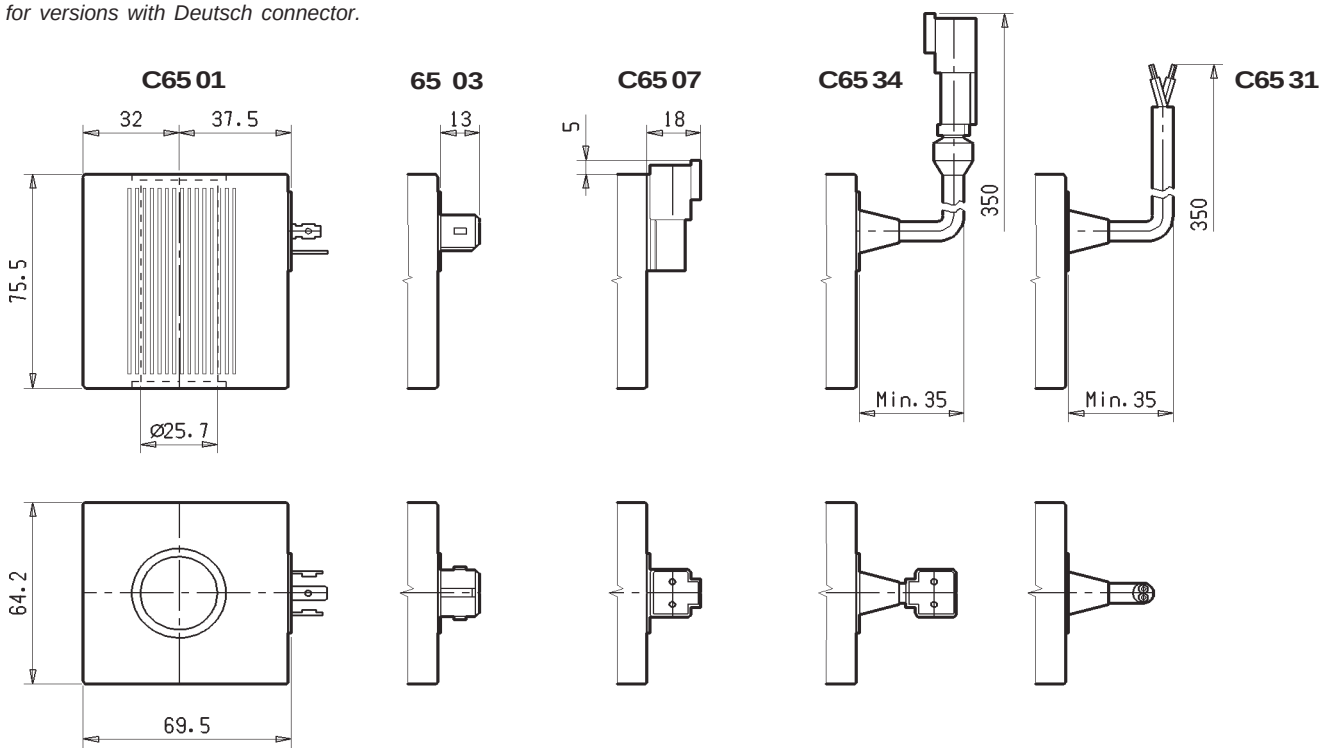
X	TENSIONE *VOLTAGE*	Connessioni disponibili *Available connections*					
		00	01	03	07	31	34
00	**SENZA BOBINA** *WITHOUT COIL*						
OB	12V DC	X	X	X	X	X	X
AD	13V DC	X	X		X		
OC	24V DC	X	X	X	X	X	X
AC	27V DC	X	X		X		
OD	48V DC	X	X				
OV	24 RAC (21.5 DC)	X	X				
OW	110 RAC (98 DC)	X	X				
OZ	230 RAC (207 DC)	X	X				

Z	VERSIONE *VERSION*
0	**STANDARD** *STANDARD*
V	**GUARNIZIONI IN VITON** *SEALS IN VITON*

BOBINE C65 *COILS C65*

Peso : 1,050 Kg - Classe di isolamento: H - Intermittenza di funzionamento: ED = 100% solo se la temperatura ambiente non supera i 40°C.
Tensione di alimentazione: non deve superare +5% / -10% del valore nominale.
Tensioni disponibili: vedi tabella. Su richiesta possono essere fornite versioni speciali.
Bassa tensione: conforme alle direttive 73/23/CEE e 89/336/CEE. Connessioni standard: DIN 43650-ISO 4400.
Le versioni con cavi+guaina e quelle con connettore Deutsch e AMP JUNIOR sono tutte dotate di diodo bidirezionale.
Grado di protezione secondo DIN 40050, valido solo nel caso in cui la bobina sia montata correttamente con O-Ring e ghiera di fermo:
- IP65 con connettore DIN 43650, solo se montato con guarnizioni in gomma e vite di fissaggio opportunamente bloccata.
- IP69k per versioni con connettore Deutsch.

Weight: 1,050 kg - Insulation Class: H - Working Duty: ED 100% only if the room temperature does not exceed 40°C.
Inlet voltage: should not exceed +5% / -10% of the nominal value.
Available voltages: Look at table. On request different voltages can be supplied.
Low voltage: conforms to the 73/23/CEE and 89/336/CEE directives. Standard connections: DIN 43650-ISO 4400.
Versions with sheated cables as well as with Deutsch and AMP JUNIOR connector are equipped with bi-directional diode.
Protection Class according to DIN 40050: only if the coil is assembled correctly with O'ring and retainer:
- IP65 with DIN 43650 connector, only if it is assembled with rubber sealings and the fixing screw is properly tightened.
- IP69k for versions with Deutsch connector.



Riferimento *Reference*	Modello *Model*	Connessione *Connection*	Tensione nominale *Nominal voltage* volt	Marcatura *Marking*	Potenza *Power* watt	Corrente nominale *Nominal current* ampere	Resistenza *Resistance* Ω ± 7% T=20°C
281-0617	C6501 12DC	DIN 43650 - ISO 4400	12 DC	12 VDC	44	3.60	3.2
281-06190	C6531 12DC	CABLES	12 DC	12 VDC	44	3.60	3.2
281-0631	C6503 12DC	AMP JUNIOR	12 DC	12 VDC	44	3.60	3.2
281-06191	C6534 12DC	CABLE + DEUTSCH	12 DC	12 VDC	44	3.60	3.2
281-06194	C6507 12DC	DEUTSCH DT04-2P	12 DC	12 VDC	44	3.60	3.2
281-061700	C6501 13DC	DIN 43650 - ISO 4400	13 DC	13 VDC	44	3.40	3.6
281-06198	C6507 13DC	DEUTSCH DT04-2P	13 DC	13 VDC	44	3.40	3.9
281-0618	C6501 24DC	DIN 43650 - ISO 4400	24 DC	24 VDC	44	1.80	12.8
281-06195	C6531 24DC	CABLES	24 DC	24 VDC	44	1.80	12.8
281-0632	C6503 24DC	AMP JUNIOR	24 DC	24 VDC	44	1.80	12.8
281-06196	C6534 24DC	CABLE + DEUTSCH	24 DC	24 VDC	44	1.80	12.8
281-06197	C6507 24DC	DEUTSCH DT04-2P	24 DC	24 VDC	44	1.80	12.8
281-061800	C6501 27DC	DIN 43650 - ISO 4400	27 DC	27 VDC	44	1.60	16.9
281-06199	C6507 27DC	DEUTSCH DT04-2P	27 DC	27 VDC	44	1.60	16.7
281-0621	C6501 48DC	DIN 43650 - ISO 4400	48 DC	48 VDC	44	0.90	50.5
281-0622	C6501 24 50 RAC	DIN 43650 - ISO 4400	21.5 DC	21.5 VDC	44	2.00	11
281-0623	C6501 110 50 RAC	DIN 43650 - ISO 4400	98 DC	98 VDC	44	0.45	98
281-0624	C6501 230 50 RAC	DIN 43650 - ISO 4400	207 DC	207 VDC	44	0.21	997