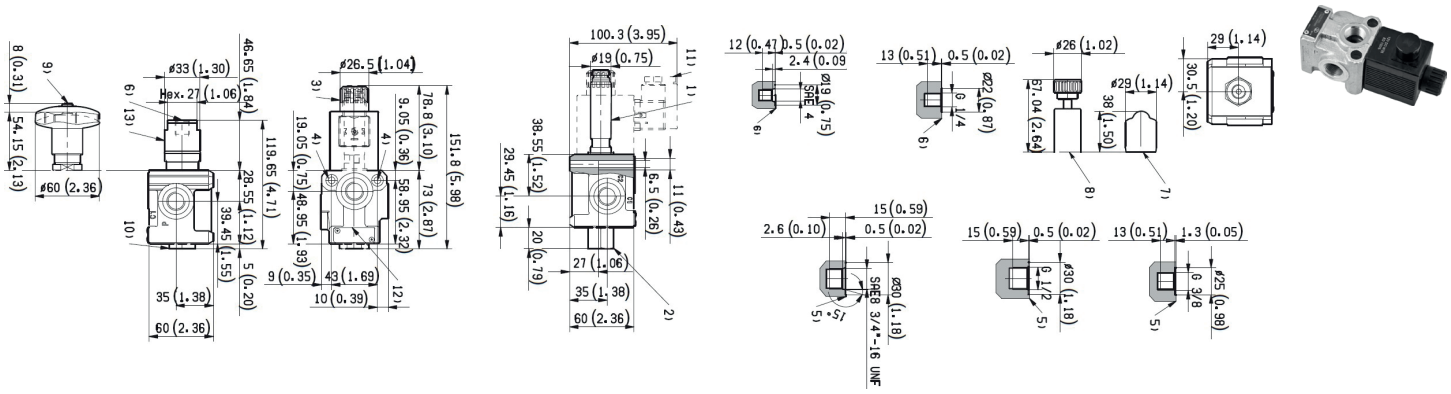
SELECTEUR DE CIRCUIT ELECTRIQUE 3 VOIES
3 WAY SOLENOID OPERATED DIVERTER VALVE

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

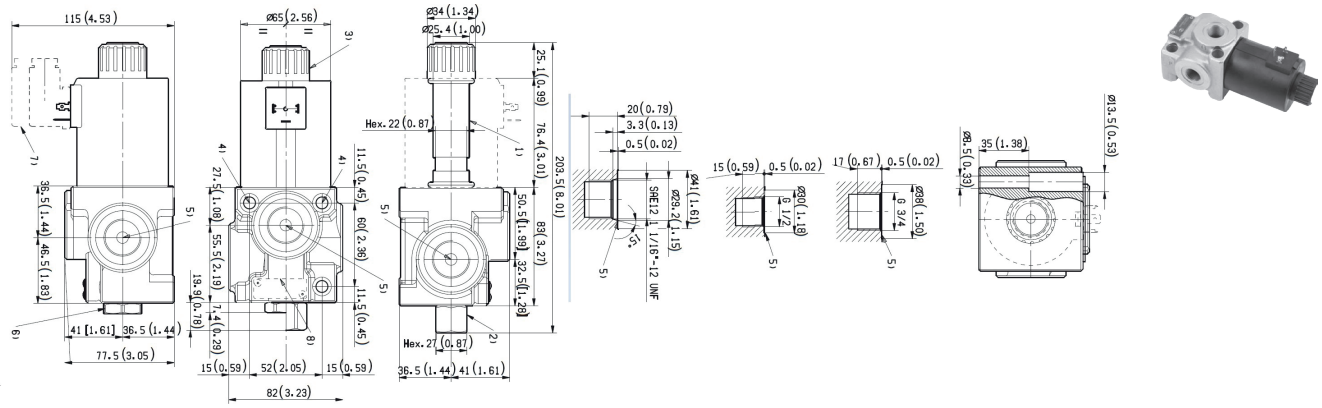
Voltage type * : OB = V 12DC OC = V 24 DC

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

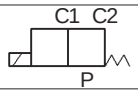
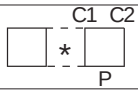
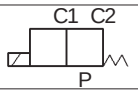
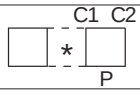
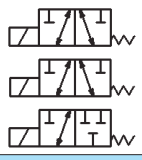
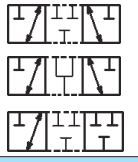
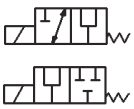
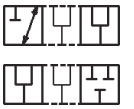
Voltage type * : OB = V 12DC OC = V 24 DC

SUR DEMANDE : DRAINAGE EXTERNE P MAX.: 310 bar

ON REQUEST : EXTERNAL DRAIN P MAX.: 310 bar

	Portata max. *Max flow* **50-60 l/min**	**Codice** *Code* L 7 0 5 U J W V X Y Z
	Pressione max. *Max pressure* **310 bar**	**Modello** *Model* **VS 81/82/84/85**
	Attacchi *Ports* **3/8"G-1/2"G-SAE6-8**	
	Descrizione: *Description:* **Deviatori di flusso a 3 vie** *3 ways flow diverters*	

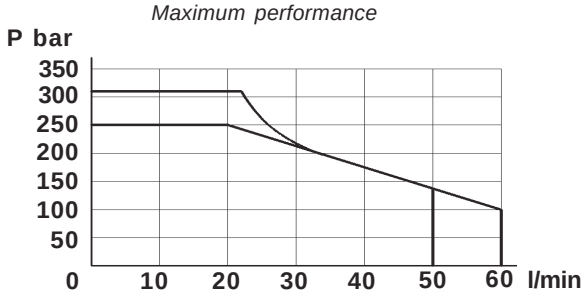
SCHEMA *CIRCUIT*

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

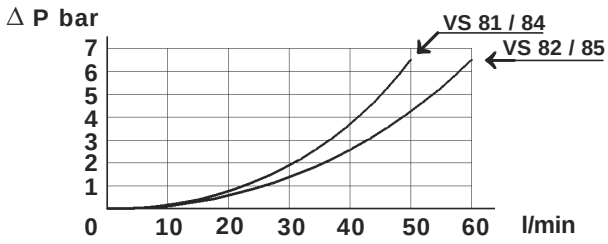
CARATTERISTICHE TECNICHE *TECHNICAL FEATURES*

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

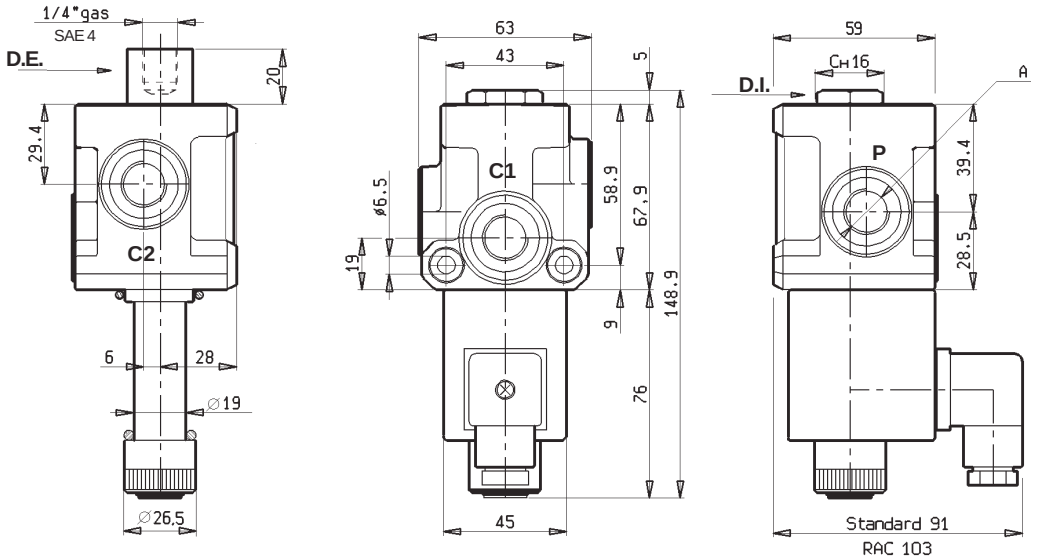


Trafilamenti interni sugli utilizzi C *Internal leakage on C ports*	MIN cm³/ min	MAX cm³/ min
	10	20

Olio minerale, viscosità 32 cSt, 40°C, pressione 100 bar.
Mineral oil with 32 cSt viscosity, at 40°C and 100 bar pressure.

DIMENSIONI DI INGOMBRO *OVER-ALL DIMENSIONS*

U	Attacchi (A) *Ports (A)*	Modello *Model*
3	3/8" Gas	VS 81
4	1/2" Gas	VS 82
B	SAE 6	VS 84
C	SAE 8	VS 85
Pesi *Weights*	2.06 kg	

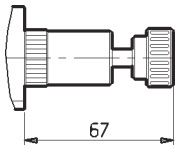


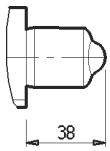
MOMENTI MASSIMI DI SERRAGGIO *MAXIMUM BLOCKING TORQUES*

Cannotto *Tube*	Ghiera blocco bobina *Coil retainer nut*	Viti di fissaggio *Fixing screws*
ch. 16mm: 22÷24Nm	5÷6Nm	N°2 DIN 912-8.8 M6x40: 9÷10Nm

ACCESSORI *OPTIONALS*

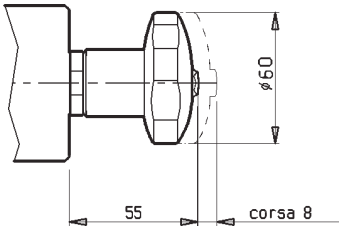
J _F	**Comando manuale di emergenza a vite EF** *Screwed manual override EF* **Riferimento -** *Reference*: **LC1DZEF**	J _P	**Comando manuale di emergenza a pulsante EP** *Push-button manual override EP* **Riferimento -** *Reference*: **271-05099**

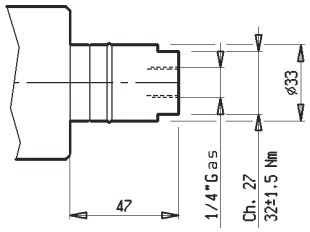




ALTRI COMANDI *OTHER ACTUATOR*

J H1	X SG	**Comando manuale spingi e gira** *Push-turn manual actuator* **Rif. -** *Ref.*: **26-0243000**	J P1	X 00	**Comando oleopneumatico OP** *Oleopneumatic actuator OP* **Riferimento -** *Reference*: **LC1ZP**	**Pressione di pilotaggio** *Pilot pressure* **P. Max 200bar** / **P. Min 4bar***





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

Con drenaggio interno (DI), considerare un rapporto di pilotaggio 6,5:1.
Esempio: utilizzi (C1 o C2) a 100 bar, pressione minima di pilotaggio 100:6,5 = 15,4 bar.
With internal drain (DI), allow for pilot ratio 6,5:1.
Example: at 100 bar pressure (C1 or C2), will need a minimum pilot pressure of 100:6,5 = 15,4 bar.

CODICE DI ORDINAZIONE *ORDERING CODE*

L	7	0	5	U	J	W	V	X	Y	Z

U	**ATTACCHI** *PORTS*
_	**VEDI PAGINA 8.10.04** *SEE PAGE 8.10.04*

W	**SCHEMA** *CIRCUIT*
_ _	**VEDI PAGINA 8.10.04** *SEE PAGE 8.10.04*

V	**DRENAGGIO** *DRAIN*
_	**VEDI PAGINA 8.10.04** *SEE PAGE 8.10.04*

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*
03	**AMP JUNIOR** *AMP JUNIOR*
07	**DT04-2P DEUTSCH** *DT04-2P DEUTSCH*
31	**CAVO 350mm** *CABLE 350 mm*
34	**CAVO 350mm + DT04-2P DEUTSCH** *CABLE 350 mm + DT04-2P DEUTSCH*

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

J	**AZIONAMENTO** *OPERATED*
11	**AZIONAMENTO ELETTRICO (DZ)** *ELECTRICALLY OPERATED (DZ)*
1F	**AZIONAMENTO ELETTRICO + EF** *ELECTRICALLY OPERATED + EF*
1P	**AZIONAMENTO ELETTRICO + EP** *ELECTRICALLY OPERATED + EP*
P1	**AZIONAMENTO OLEOPNEUMATICO (OP)** *OLEOPNEUMATICALLY OPERATED (OP)*
H1	**AZIONAMENTO MANUALE (MN)** *MANUALLY OPERATED (MN)*
20*	**AZIONAMENTO EL. ANTIDEFLAGRANTE (AD)** *EL. OP. WITH EXPLOSION PROOF COILS (AD)*

*** DISPONIBILE A RICHIESTA (ATEX)**
***** *ON REQUEST (ATEX)*

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
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				

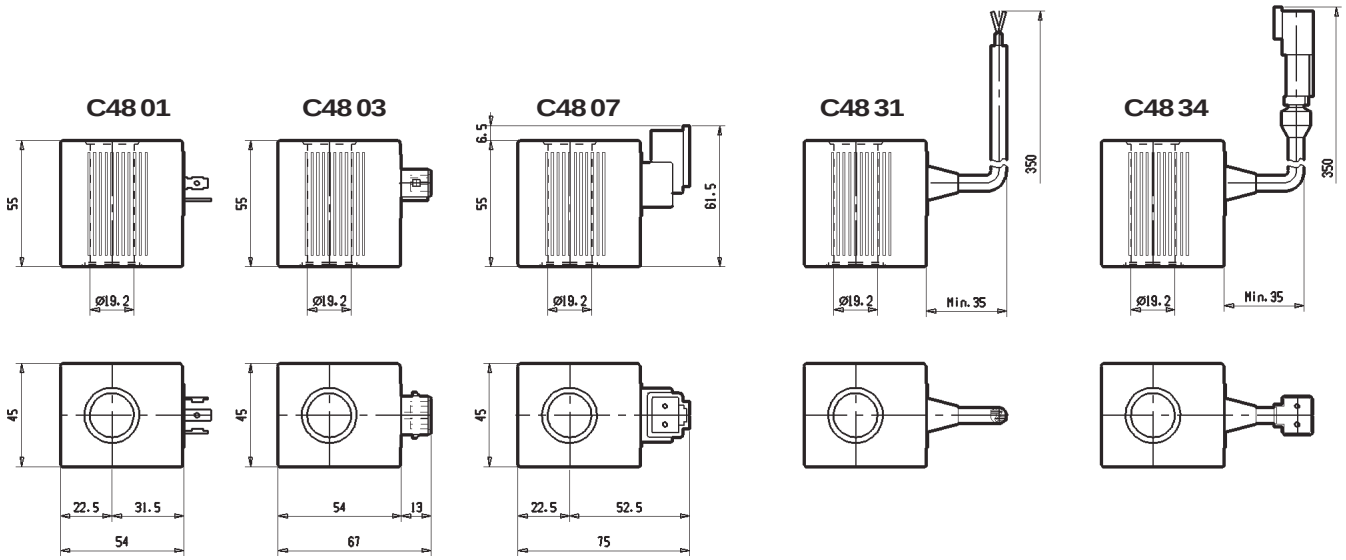
BOBINA C48 *COIL C48*

J

1_

Peso : 0.500 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 montati con guarnizioni in gomma e vite di fissaggio opportunamente bloccata.
- IP69k per versioni con connettore Deutsch.

Weight : 0.500 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 they are 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%	Resistenza *Resistance* Ω T=20°C
271-0520	C4801 12DC	DIN 43650 - ISO 4400	12 DC	12 VDC	36	3.01	4,0	
271-052000	C4831 12DC	CABLES	12 DC	12 VDC	36	3.01	4,0	
271-052001	C4834 12DC	CABLES + DEUTSCH	12 DC	12 VDC	36	3.01	4,0	
271-052004	C4807 12DC	DEUTSCH DT04-2P	12 DC	12 VDC	36	3.01	4,0	
271-0520005	C4803 12DC	AMP JUNIOR	12 DC	12 VDC	36	3.01	4,0	
271-0521	C4801 24DC	DIN 43650 - ISO 4400	24 DC	24 VDC	36	1.53	16,0	
271-052005	C4831 24DC	CABLES	24 DC	24 VDC	36	1.53	16,0	
271-052006	C4834 24DC	CABLES + DEUTSCH	24 DC	24 VDC	36	1.53	16,0	
271-052009	C4807 24DC	DEUTSCH DT04-2P	24 DC	24 VDC	36	1.53	16,0	
271-0520055	C4803 24DC	AMP JUNIOR	24 DC	24 VDC	36	1.53	16,0	
271-052008	C4807 27DC	DEUTSCH DT04-2P	27 DC	27 VDC	36	1.32	20,5	
271-05212	C4801 27DC	DIN 43650 - ISO 4400	27 DC	27 VDC	36	1.32	20,5	
271-0522	C4801 48DC	DIN 43650 - ISO 4400	48 DC	48 VDC	36	0.75	63,6	
271-0525	C4801 230 - 50/60 RAC	DIN 43650 - ISO 4400	207 DC	207 DC	36	0.17	1163,0	
271-0524	C4801 110 - 50/60 RAC	DIN 43650 - ISO 4400	98 DC	98 VDC	36	0.37	261,0	
271-0523	C4801 24 - 50/60 RAC	DIN 43650 - ISO 4400	21,5 DC	21,5 VDC	36	1.70	12,0	