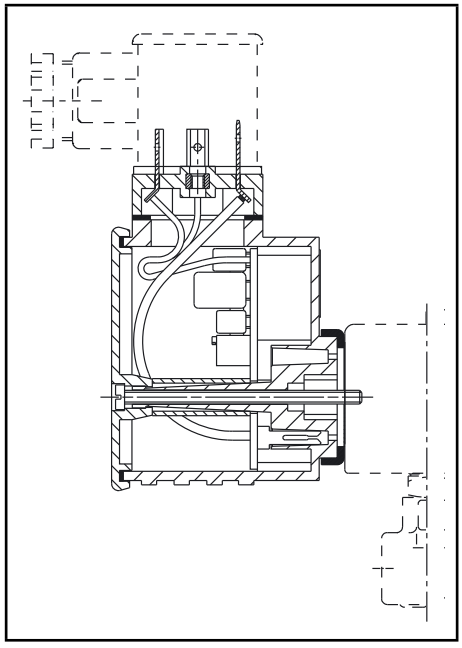
ELECTRONIC PROPORTIONAL CONTROL UNIT

for proportional
POSIFLOW solenoid valves

Series **908**

B





FEATURES

- *Converts analog input control signals to coil current of a proportional solenoid valve by means of pulse width modulatiion*
- *Switch-off function at less then 2% of the maximum control signal*
- *Adjustable ramp control*
- *Output coil current independent of coil resistance (temperature) and supply voltage variations*
- *Min. and max. output coil current adjustable to required input control signal*
- *The electronic circuit is integrated in a housing connectable to a 3-terminal spade plug coil connector according to ISO 4400/ EN 175301-803, form A, DIN 43650, 11 mm, industry standard B or DIN 43650, 9,4 mm, industry standard B*

GENERAL

Nominal voltage 24 V DC
Maximum current 1100 mA

CONSTRUCTION

Housing PA
Cover PA
Screw Zinc plated steel
Seals NBR

ELECTRICAL CHARACTERISTICS

Connector Spade plug (cable Ø 6-10 mm)
Connector specification ISO 4400 / EN 175301-803, form A (2)
Valve connection With 3 terminal plug connection
Control unit E908A001 ISO 4400 / EN 175301-803, form A
Control unit E908A003 DIN 43650, 11 mm, industry standard B
Control unit E908A004 DIN 43650, 9,4 mm, industry standard B, assembled to 200 mm cable
Electrical safety IEC 335
Electrical enclosure protection IP65 (EN 60529)
Supply voltage DC (=) : 24V ±10 % (U_N), max. ripple 10%

prefix option	max. full load current (I_{FL})	input control signal (selectable) U_c =	I_{cx}	I_c	power consumption (electronics)	Unit ambient temperature range (2)	type (1)
	(mA)	(V)	(mA)	(mA)	(W)	(C°)	
-	1100	0 - 10	0 - 20	4 - 20	0,8	-10 to + 75	01 - 02

Switch-off current < 2 % of max. input control signal
Adjustable offset Upwm 15 - 50 % E.D.
Adjustable full load Upwm 30 - 100 % E.D.
Ramp time Selectable on/off, adjustable 0,1 - 3 sec.
Adjustable switch frequency 40 - 700 Hz

SPECIFICATIONS

recommended for proportional valve types	type	catalogue number
202A001V to 202A087V 203B001V and 203B002V	**01**	**E908A001**
202A201V to 202A208V	**02**	**E908A003**
202A101V to 202A104V 202A105V to 202B108V	**01**	**E908A004**

(1) Refer to the dimensional drawings on the following page.

(2) The connector is supplied with each control unit. **Do not use the standard connector mounted on the POSIFLOW solenoid valves.**

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ELECTRONIC CONTROL UNIT FOR POSIFLOW SOLENOID VALVES SERIES 908

OPTIONS

- ASCO can offer any adaption or modification to the control unit to meet special requests from the users' field

INSTALLATION

- The control unit can be mounted in any position without affecting operation
- The connector to ISO 4400 / EN 175301-803, form A, is supplied with each unit
- Catalogue number E908A004: The 4-terminal connector to ISO 4400 / EN 175301-803, form A, is supplied with each unit. The outlet to the solenoid valve is fitted with a 200 mm long cable with a connector to DIN 43650, 9,4 mm, industry standard B
- Installation and maintenance istructions are included with each control unit

ORDERING EXAMPLES:

E 908 **A** 001
E 908 **A** 003

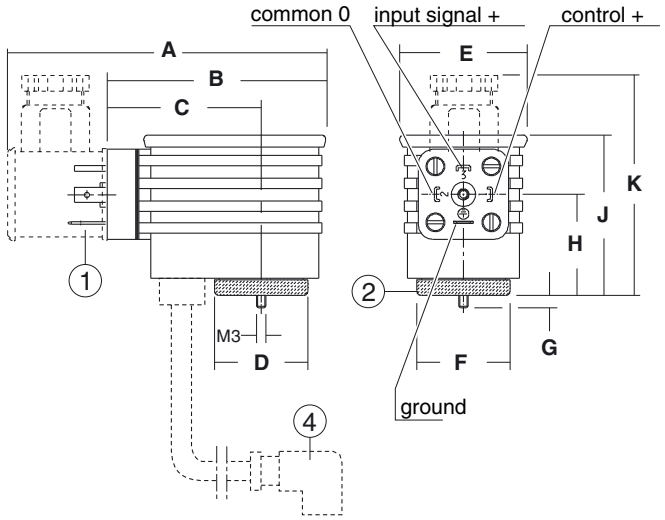
pipe thread
basic number

DIMENSIONS (mm), WEIGHT (kg)



TYPE 01
POSIFLOW control unit
IEC 335 / ISO 4400
IP65

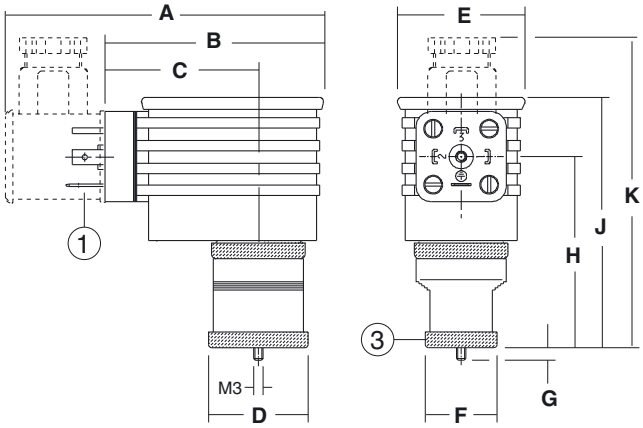
E908A001 - E908A004





TYPE 02
POSIFLOW control unit
IEC 335 / ISO 4400
IP65

E908A003

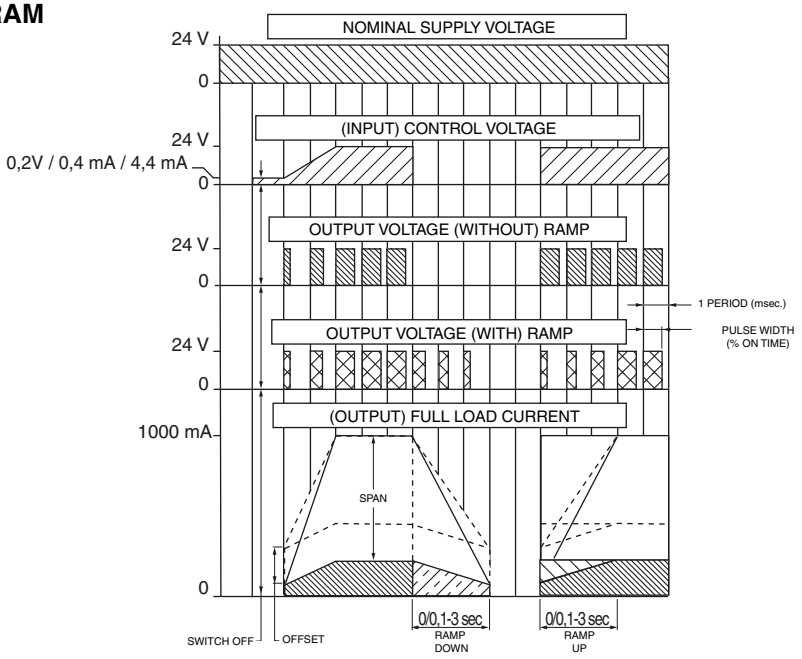


type	catalogue number	A	B	C	D	E	F	G	H	J	K	weight (1)
01	E908A001/004	98	70	48	30	41	30	4	32	51,5	70	0,1
02	E908A003	98	70	48	32	41	23	4	61	80	98	0,1

(1) Weight without connector.

① Supply, 4 terminals, ISO 4400/EN 175301-803, form A
Solenoid valve connection:
② 3 terminals, ISO 4400/EN 175301-803, form A
③ 3 terminals, DIN 43650, 11 mm, industry standard B
④ 3 terminals, DIN 43650, 9,4 mm, industry standard B

VOLTAGE-CURRENT / TIME DIAGRAM



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