

### FEATURES

- Explosionproof operator for use in potentially explosive atmospheres according to ATEX-Directive 2014/34/EU  
EU type examination certificate no.: **LCIE 12 ATEX 3005 X**  
IECEX Certificate of Conformity no.: **IECEX LCI 12.0002X**
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with the International and European Standards EN-IEC 60079-0, EN-IEC 60079-7, EN-IEC 60079-18 and EN-IEC 60079-31
- Easy electrical installation by means of a screw terminal coil
- Peak voltage suppression standard for DC executions
- The coil winding is fitted with a thermal fuse (in AC/DC) which will trip in case of excessive temperature due to prolonged overvoltage or a blocked core and cause the valve to de-energise and fail-safe
- Enclosure provided with integral strain relief for cable with an O.D. of 7 to 8,5 mm
- Ingress protection degree IP67
- A wide range of valves can be supplied with the operator

### CONSTRUCTION

**Solenoid enclosure**

**Cable gland**

**Nameplate**

**Coil connection**

**Safety code**

PBT

PA 66, M20 x 1,5

Polyester

Embedded screw terminals



II 2G Ex e mb IIC T4 Gb

II 2D Ex tb IIIC T 135°C Db IP67

### ELECTRICAL CHARACTERISTICS

**Standard voltages**

DC (=) : 24V - 48V

AC (~) : 24V-48V-115V-230V / 50 Hz

24V-48V-100V-115V-200V-230V / 50-60<sup>(1)</sup> Hz

<sup>(1)</sup> For the 256/356 & 238 series the MOPD may be reduced at 60 Hz, please contact your local Sales office.

### TEMPERATURE CLASSIFICATION TABLES

#### AC (~) solenoids

Pn (watt)	solenoid size				maximum ambient °C <sup>(1)</sup>
	WBLP				surface temperature
					<b>T4 135°C</b>
insulation class F (155°C) 100% E.D.					
3,5 <sup>(2)</sup>	●				65

#### DC (=) solenoids

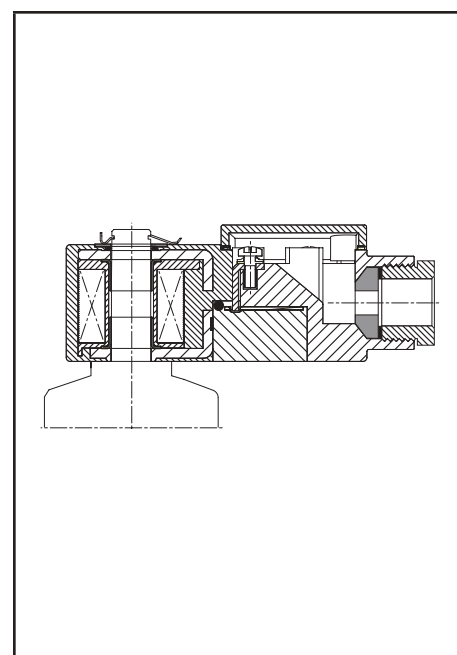
Pn (watt)	solenoid size				maximum ambient °C <sup>(2)</sup>
	WBLP				surface temperature
					<b>T4 135°C</b>
insulation class F (155°C) 100% E.D.					
4	●				65

Check the wattage compatibility with the product selected.

<sup>(2)</sup> The minimum allowable ambient temperature is -40°C for the operator. Actual temperature range can be limited depending on valve operation limits.

### CONNECTIONS

- Internal and external earthing connection
- The operator can be rotated through 360° to select the most favourable position for cable entry



### ORDERING INFORMATION

A valve supplied with the explosionproof operator will be identified with prefix WBLP before the catalogue number.

Example:

**WBLP** G 551A005 230V/50 Hz  
**WBLP** G 553A005 230V/50 Hz

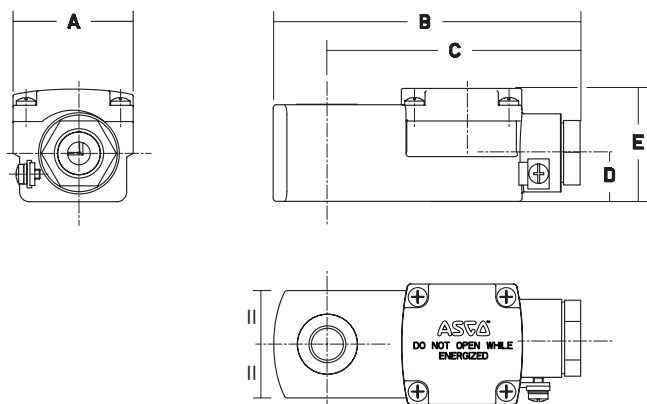
operator — voltage  
pipe thread — basic number

### DIMENSIONS (mm), WEIGHT (kg)



#### TYPE WBLP

Prefix "WBLP" solenoids  
EN-IEC 60079-7, EN-IEC 60079-18 and EN-IEC 60079-31  
II 2G Ex e mb IIC T4 Gb, II 2D Ex tb IIIC T135°C Db IP67



prefix	A	B	C	D	E	weight
WBLP	37	98	81,5	15	35,2	0,18



#### ACCESSORIES

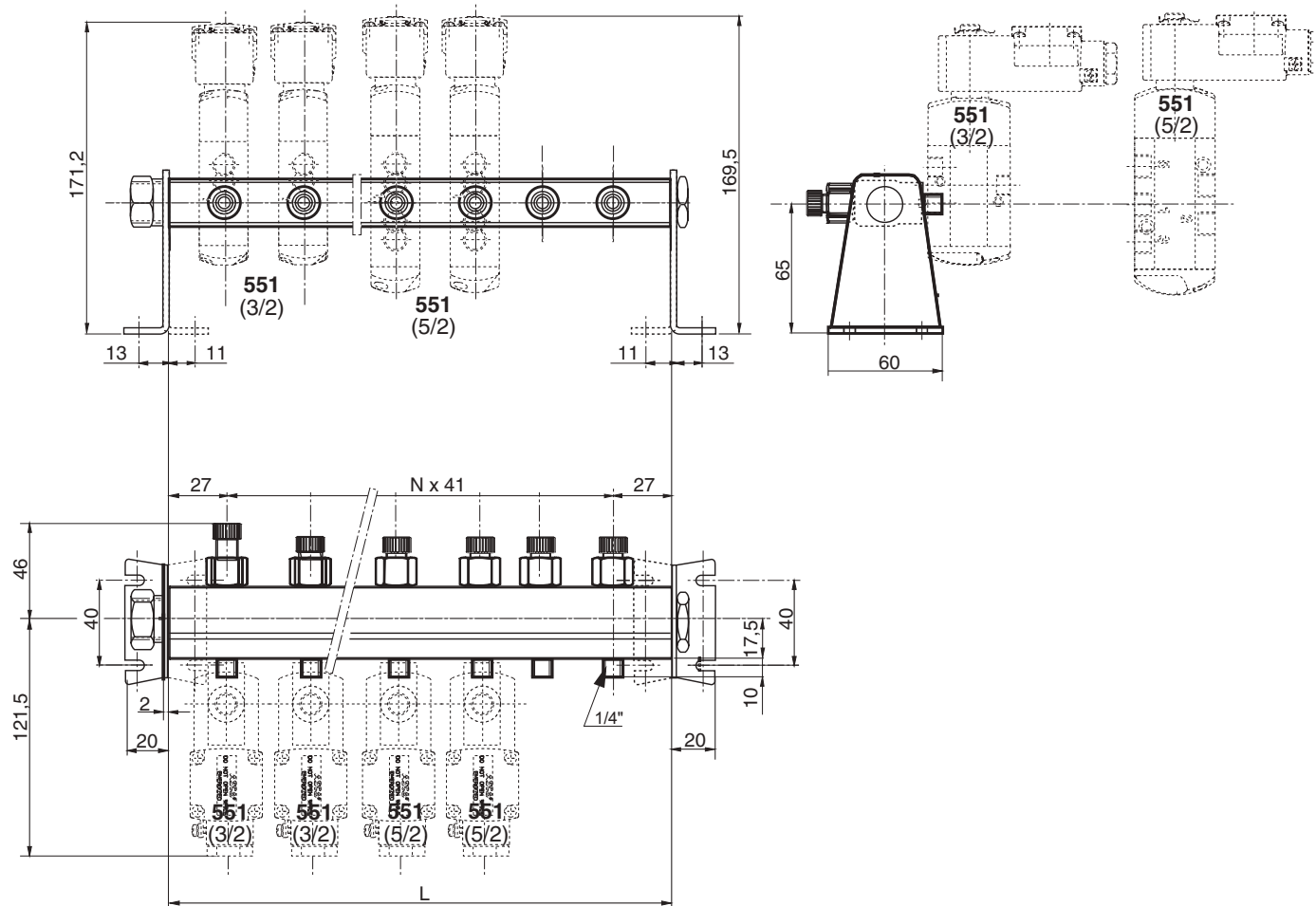
Supply rail with pressure isolation valves  
Aluminium  
Inlet G 1/2, outlets G 1/4



supply rail for «n» valves with end pieces and low 65 mm mounting brackets

number of outlets	4	6	8	10	12	15
catalogue number	88100970	88100971	(1)	(1)	(1)	(1)
L (mm)	177	259	341	423	505	628

(1) Contact us.



All leaflets are available on: [www.asco.com](http://www.asco.com)

10 - Explosionproof equipment



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