



The AL35R15 distributor is suitable for the pneumatic distribution for moving machinery and equipment.

It's available from 4 up to 8 elements and it's implemented as SLAVE in a CAN network.

Built with high quality components, the AL35R15 is suitable to resist to vibrations and water, for use on machines that operate in harsh work environments in applications where flexibility and reliability of the system are required.

## TECHNICAL FEATURES

<b>MASTER CODE</b>		AL35R15
<b>POWER SUPPLY</b>		ELECTRONIC BOARD: 9 – 36 VDC / CURRENT CONSUMPTION 50 mA @24 VDC (STAND BY MODE) ELECTROVALVES: 12VDC OR 24VDC
<b>GENERAL AIR SUPPLY</b>		8 BAR
<b>OUTPUT</b>		UP TO 16 E.V. (SEE THE PURCHASE CODES «E.V. OUT» FOR OPTIONS)
<b>AIR FLOW RATE</b>		30 NI/min (@ 6 bar Δp 1 bar, FOR SIGLE E.V.)
<b>LED</b>		N.1 STATUS LED
<b>CAN BUS</b>	<b>1 PORT</b>	2.0B COMPLIANT - (11, 29 BIT) - ISO 11898 - UP TO 1MBIT/S
<b>CAN BUS PROTOCOLS</b>		CAN OPEN (CIA DS401 DEVICE PROFILE FOR GENERIC I/O MODULE, WITH DS306 EDS FILE) ON REQUEST: SAE J1939
<b>CONNECTIONS</b>		ELECTRICAL: AMP SUPERSEAL 4 PIN FPM PNEUMATIC: SWIVEL PNEUMATIC CONNECTION WITH QUICK COUPLING FOR PIPES Ø 6 mm ON REQUEST: Ø 4 mm
<b>CASE</b>		BASE: ANODIZED ALUMINUM CARTER: PA66 25%FV V0
<b>WORKING TEMPERATURE</b>		-40°C +80°C





## ELECTRONIC FEATURES

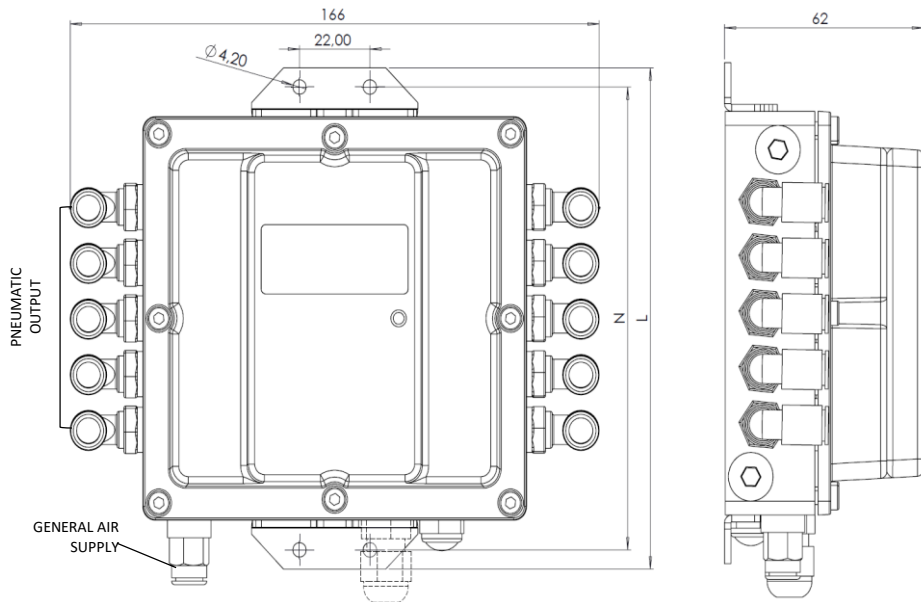
SLAVE USAGE	EDS FILE
PROGRAMMING	FIRMWARE UPLOAD BY CAN BUS WITH BOOTLOADER

## STANDARDS

IP GRADE	CASE: IP68 PNEUMATIC FITTINGS: IP65
ELECTROMAGNETIC EMISSIONS	EN 61000-6-4// EN 55011 (RF RADIATE)
ELECTROMAGNETIC IMMUNITY	EN 61000-6-2// EN 61000-4-2/3/4/6
MTTFd	407 YEARS CALCULATED ACCORDING TO THE IEC61709 (SIEMENS SN29500), ENVIRONMENTAL FACTORS 3K7 (IEC60721). E.V. CYCLE TIME: 60 s (FOR 8 h/day, 300 day/year)
ELECTRONIC PERFORMANCE AND SAFETY LEVEL	PLc – SIL1 (SINGLE-CHANNEL INTERNAL SCHEME)

IN ACCORDANCE WITH THE EN50498 THE DEVICE MEETS THE TECHNICAL SPECIFIC REQUIREMENTS OF 2004-104 DIRECTIVE (AUTOMOTIVE). THE DEVICE IS EMC 2004/108 COMPLIANT

## SIZE (mm)



## ELECTRICAL CONNECTIONS

AMP SUPERSEAL 4 PIN FPM



### PINOUT

1	BN	POWER SUPPLY
2	BK	CAN H
3	BU	GND
4	WH	CAN L

## AVAILABLE VERSIONS

ELEMENTS	E.V. OUT	N (mm)	L (mm)
4	8	117	128
5	10	133	144
6	12	149	160
7	14	165	176
8	16	181	192

## FEATURES

### MINIATURE PORTED FILTER/REGULATOR

With automatic water drainage  
Fitting: G1/8



### OPTIONAL

CODE: MFR.18.B07.TT.C



**ALMEC**  
MECHATRONICS

NOTE