

The DSP.2C is a 7" LED display, suitable for visualize 2 digits, from 00 to 99.

Using 170 high brightness LEDs, the device has been designed to optimize the view under the rays of the sun and in backlight conditions.

Built with high quality components, the DSP.2C is suitable to resist to vibrations and water, for use on machines that operate in harsh work environments.

It's implemented as SLAVE, in a CAN network.



TECHNICAL FEATURES

CODE	DSP.2C.S01	
POWER SUPPLY	9 ÷ 36 VDC / CURRENT ABSORPTION: MAX 1 A (@ 24 V), 20 mA IN STAND-BY MODE (@ 24 V)	
CAN BUS	1 PORT	2.0 A/B COMPLIANT - (11, 29 BIT) - ISO 11898 - UP TO 1MBIT/S
CAN BUS PROTOCOLS	CAN OPEN (CIA DS401 DEVICE PROFILE FOR GENERIC I/O MODULE, WITH DS306 EDS FILE) - SAE J1939 ON REQUEST: ISO 11783 (ISO BUS)	
DISPLAY	TYPE: NR. 170 YELLOW MONOCHROMATIC LED AT 2 DIGITS MATRIX	
	BRIGHTNESS: 1125,0 mcd (FOR EACH LED)	
	ACTIVE AREA: 156 (H) x 186 (L) mm	120° VIEWING ANGLE
WORKING TEMPERATURE	-20°C +80°C	
CONNECTIONS	1	AMP SUPERSEAL 4 WAYS
		ON REQUEST: M12 4 PIN FPM

ELECTRONIC FEATURES

SLAVE USAGE	EDS FILE
CYCLE TIME	50 ms



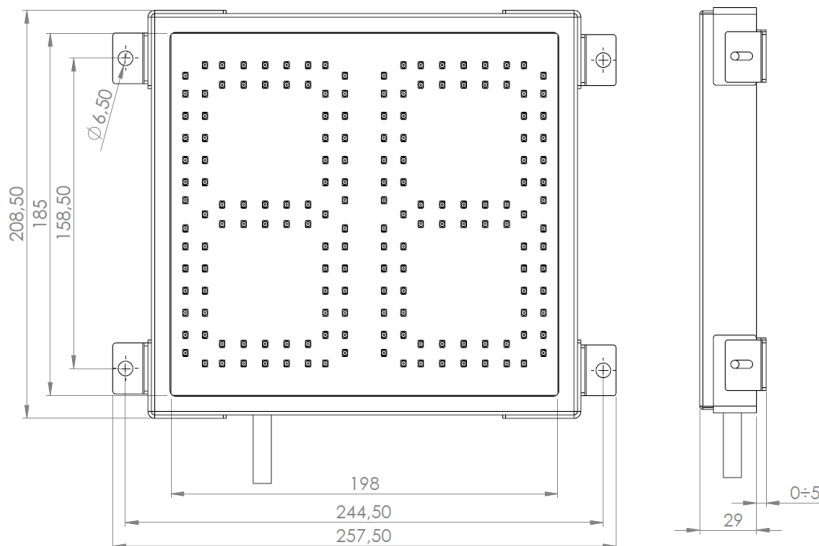


STANDARDS

ELECTROMAGNETIC EMISSIONS	EN 61000-6-4 EN 55011 (RF RADIATE)
ELECTROMAGNETIC IMMUNITY	EN 61000-6-2 EN 61000-4-2/3/4/6
IP	IP68

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

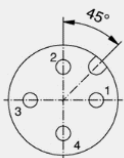
AMP SUPERSEAL CONNECTOR
4 PIN FPM



PINOUT

1	POWER SUPPLY
2	CAN H
3	GND
4	CAN L

M12 MALE CONNECTOR 4 PIN FPM



PINOUT

1	POWER SUPPLY
2	CAN H
3	GND
4	CAN L



ALMEC
MECHATRONICS

NOTE