



## MBC 5100, Block-type compact pressure switches for marine applications

# 061B110466

MBC pressure switches are used in marine applications where space and reliability are the most important features. MBCs are compact pressure switches, designed according to our new block design to survive in the harsh conditions known from machine rooms onboard ships.

MBCs have high vibration resistance and feature all commonly marine approvals. The fixed, but low differential guarantees accurate monitoring of critical pressures. MBV test valves can be delivered as standard option for MBC pressure switches.

- All relevant marine approvals
- Pressure ranges: -0.2 to 400 bar
- Low differential (fixed) micro switch
- Resistant to shock and vibrations
- Enclosure IP65
- Diaphragm version for applications with pulsations/pressure peaks
- Compact design
- Low installations costs
- Fast and easy to operate
- Easy to mount on block test valve
- Available as differential pressure switch

<b>TYPE CODE</b>	MBC 5100
<b>WEIGHT</b>	0.286 Kg
<b>AMBIENT TEMP.</b>	-10 - 85 °C
<b>AMBIENT TEMP.</b>	14 - 185 °F
<b>APPROVAL</b>	ABS, BV, CCC, CCS, CE, DNV, EAC, GL, KRS, LR, LVD, NKK, RINA, RMRS, RoHS, RoHS China, TYSK
<b>BURST PRESSURE</b>	300,0 bar
<b>CONTACT FUNCTION</b>	SPDT
<b>CONTACT RATING</b>	AC15=0.5 A, 250 V
<b>CONTACT RATING</b>	DC13=12 W, 125 V
<b>DIFF. MAX. RANGE SETTING</b>	2,50 bar
<b>DIFF. MIN. RANGE SETTING</b>	1,00 bar

<b>EAN NO.</b>	5702423218691
<b>ELECTR. CONN. MALE/FEMALE</b>	Female
<b>ELECTR. CONN.</b>	DIN-plug
<b>ELECTR. CONN.</b>	EN 175301-803-A Pg 13.5
<b>ELECTR. SPEC. STANDARD</b>	EN 60947-5
<b>ENCLOSURE RATING</b>	IP65
<b>MAX. TEST PRESSURE</b>	150,0 bar
<b>MAX. TEST PRESSURE</b>	2.176,0 psig
<b>MAX. WORKING PRESSURE</b>	150,0 bar
<b>MAX. WORKING PRESSURE</b>	2.175 psig
<b>PACK FORMAT</b>	Multi pack
<b>PRESSURE CONN. NOTES</b>	With flange
<b>PRESSURE CONN. STD.</b>	ISO 228-1
<b>PRESSURE CONN. TYPE</b>	G - 1/4 Female
<b>PRESSURE SENSING ELEM.</b>	Diaphragm
<b>PRODUCT ACCESSORIES</b>	Switches accessories
<b>PROD. DESCRIPTION</b>	Pressure switch
<b>PROD. GROUP</b>	Switches and thermostats
<b>PROD. NAME</b>	Pressure switch
<b>PACK QTY.</b>	32 PC
<b>REGUL. RANGE</b>	1,00 - 10,00 bar
<b>REGUL. RANGE</b>	0,10 - 1,00 MPa
<b>SERVICEABLE</b>	No
<b>SPEC. KEY</b>	2431-2DB04