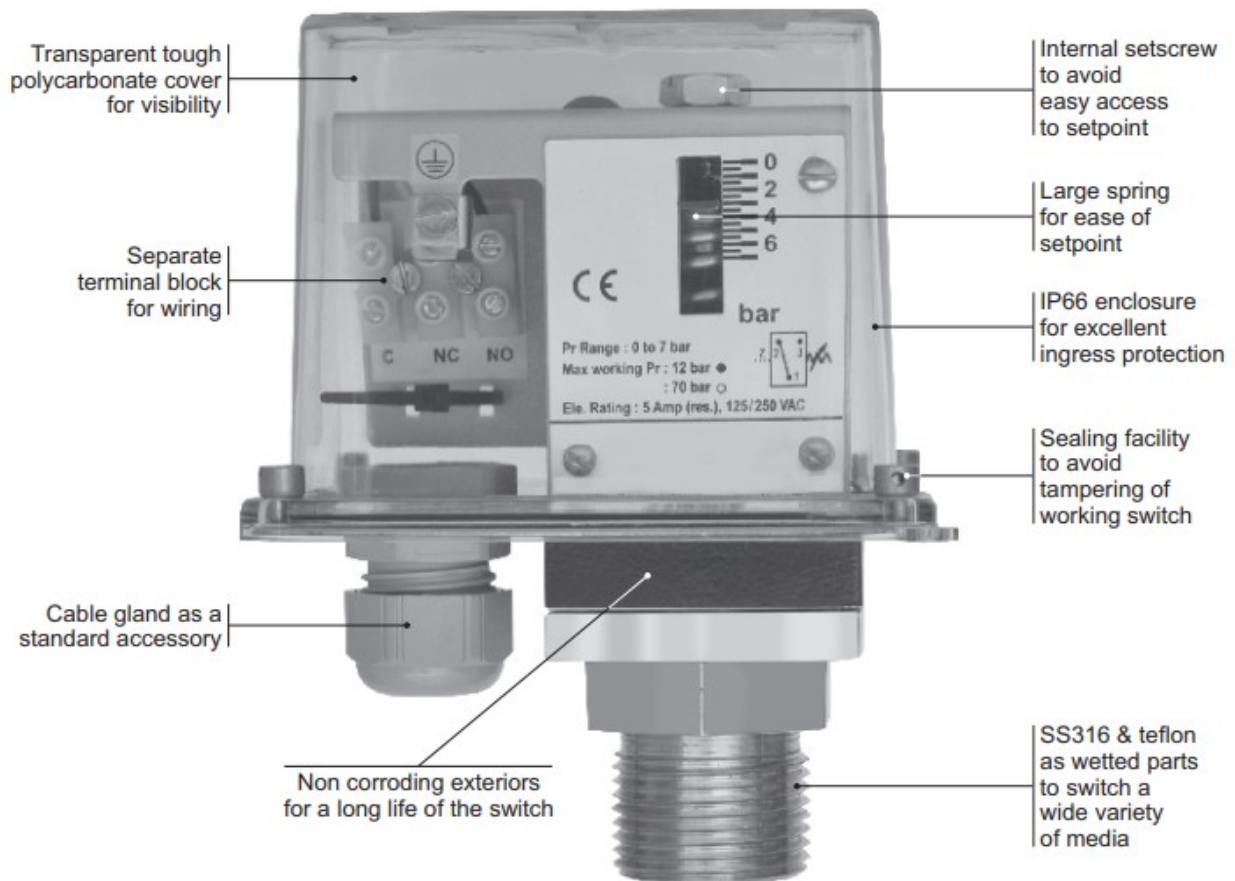


LARGE BORE HIGH RANGE PRESSURE SWITCHES

AI.MZLBHR

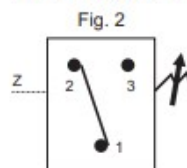


Approximate Weight : 0.900 Kg.

Some Applications :

Applications requiring a large bore, for slurries, sludges, etc.

Electrical Connection :



DESCRIPTION

MZ Series pressure switches have been designed for applications that require cost effective outdoor mounting, in aggressive environments. The thug polycarbonate cover, fitted on a stainless steel base, retayned by SS screws offers excellent resistance to corrosion and also allows a view of the internal scale and working of the pressure switch. The riabile microswitch offers narrow deadband, switching values, which have excellent repeatabilty. By using appropriate capsules and wetted parts, MZ series pressure switches can be used for thousands of applications.

APPLICATIONS

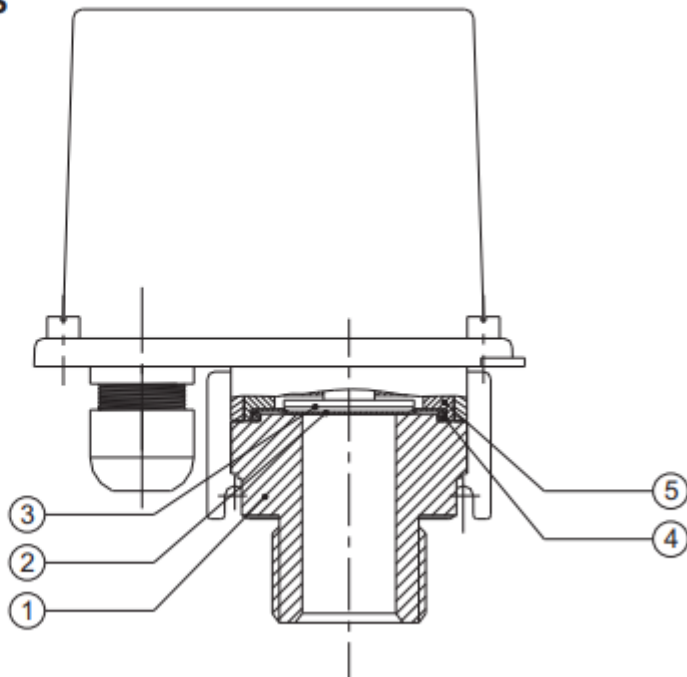
- Energy production
- Burners and ovens
- Glass and metal industries
- Chemical Industries
- Steel industry
- Hydraulic, steam and gas turbines
- Boilers and compressors
- Machine tools
- Water treatment
- Sugar and paper mills
- Fire fighting
- Surgical gases, breweries and milk industries
- Tire industry

TECHNICAL SPECIFICATIONS

PRESSURE CAPSULE DETAILS

No. Description

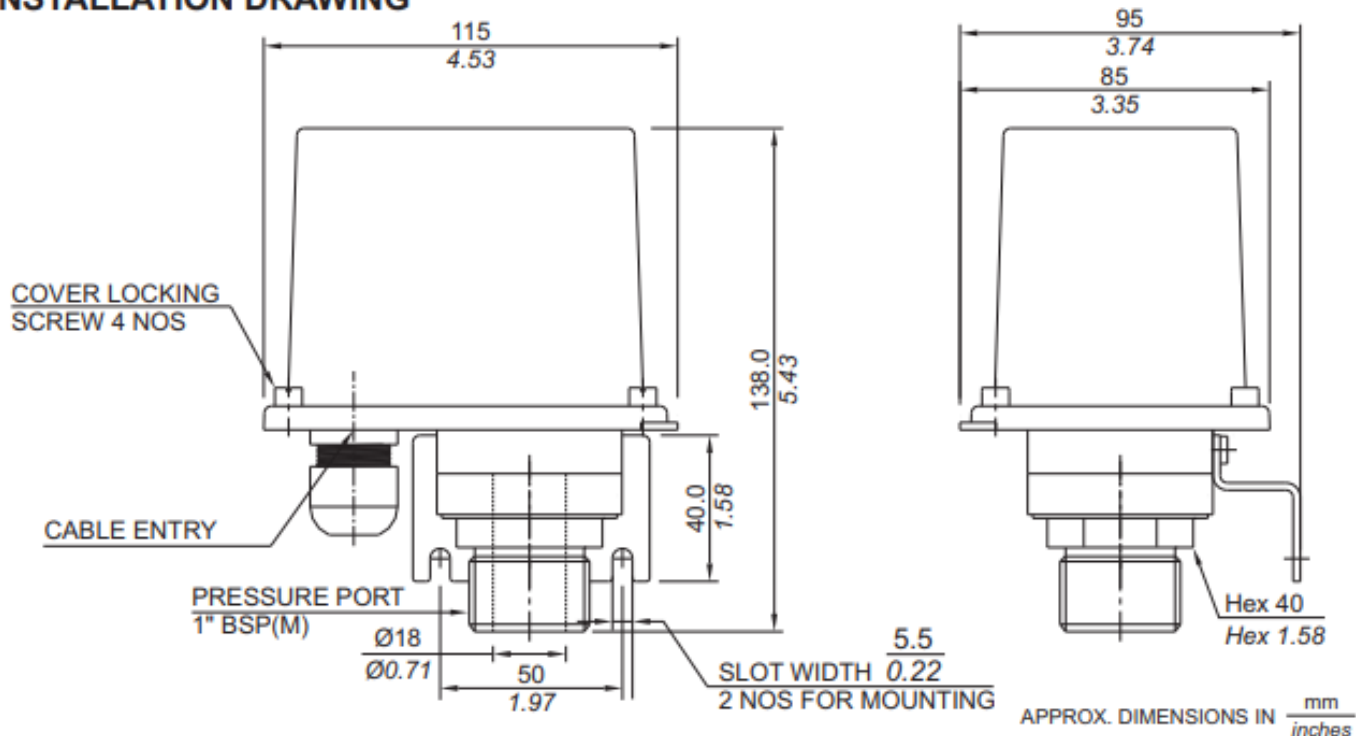
1. *Pressure Port (SS316)*
2. *Diaphragm (Teflon®)*
3. Plunger
4. *O-Ring (Teflon®)*
5. Disc



Note : *wetted parts* are mentioned in italics.

DIMENSIONS

INSTALLATION DRAWING



RANGE TABLE

Range Code	RANGE Bar (psi)	Differential Bar (psi)	Maximum Working pressure Bar (psi)
H01	0.1 - 1.0 (1.45 - 14.50)	0.10 (1.43)	12 (171.43)
H02	0.1 - 1.5 (1.45 - 21.76)	0.20 (2.86)	12 (171.43)
H03	0.2 - 2.6 (2.90 - 37.71)	0.20 (2.86)	12 (171.43)
H04	0.2 - 3.6 (2.90 - 52.21)	0.20 (2.86)	12 (171.43)
H07	0.5 - 7.0 (7.25 - 101.50)	0.40 (5.72)	12 (171.43)
H10	0.5 - 10.0 (7.14 - 142.86)	0.60 (8.58)	25 (357.14)
H15	1.0 - 15.0 (14.29 - 214.29)	0.60 (8.58)	25 (357.14)
H30	5.0 - 25.0 (71.43 - 357.14)	0.80 (11.44)	35 (500)



Note: Welded diaphragm also available as shown

ORDER CODE

AI.MZLBHR	LARGE BORE HIGH RANGE PRESSURE SWITCHES
MODEL	
MZLBHR	
Cable Entry Size	
3: M20 X 1.5	
SWITCH Type	
PF2: pressure switch, fix ed differential with scale in bar	
PF3: pressure switch, fix ed differential with scale in psi	
PA2: pressure switch, adjustable differential with scale in bar	
PA3: pressure switch, adjustable differential with scale in psi	
RANGE (BAR)	
H01: (0.1 - 1.0)	
H02: (0.1 - 1.5)	
H03: (0.2 - 2.6)	
H04: (0.2 - 3.6)	
H07: (0.5 - 7.0)	
H10: (0.5 - 10.0)	
H15: (1.0 - 15.0)	
H30: (5.0 - 25.0)	
MICROSWITCH Type	
A7: 2SPDT microswitches	
A8: General purpose microswitch rated at 5A; 250 VAC	
A9: General purpose microswitch rated 5A, 250 VAC	
Pressure Port Material / Size	
S3: SS316 / 1" BSP(M)	
N3: Monel / 1" BSP(M)	
Diaphragm	
0: Neoprene	
1: Teflon	
2: SS316L	
4: Monel	

Esempio codice di ordinazione:

AI.MZLBHR	3	PF2	H02	A7	S3	1
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ASIT ITALIA S.R.L.

Sede operativa e Uffici
Via Quintino Sella, 6
10020 Riva presso Chieri (TO)
T (+39) 011 198 218 39 - F (+39) 011 198 371 06

INFO@ASIT-GE.COM

WWW.ASIT-GE.COM



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System ISO 9001:2015
Cert n°38785/19/S