

<b>TITLE :</b>	<b>TECHNICAL DATA SHEET FOR PRESSURE SWITCH</b>	<b>DOC NO.</b>	<b>MMLH/FPS / 10</b>		
<b>PACKAGE:</b>	<b>FIRE PROTECTION SYSTEM</b>	<b>REV.</b>	<b>0</b>	<b>DATE:</b>	<b>12.10.2017</b>
<b>PROJECT:</b>	<b>MMLH-VIZAG</b>	<b>SHEET</b>	<b>1</b>	<b>OF</b>	<b>1</b>

- |      |                                                                                                |                                                                 |
|------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1.0  | Manufacturer                                                                                   | ANI/H Guru / Waree/ Wika /Indfoss/ Equivalent Approved          |
| 2.0  | Range                                                                                          |                                                                 |
| 2.1  | For Hydrant system & pump house                                                                | : 0-16 Kg/cm <sup>2</sup>                                       |
| 2.2  | For HVW & MVW spray system equipments                                                          | : 0-10 Kg/cm <sup>2</sup>                                       |
| 2.3  | Type                                                                                           | : SPDT                                                          |
| 2.4  | Selected model / make shall fully comply with all technical reqts indicated in appd. Datasheet | : Confirmed                                                     |
| 3.0  | Type of Mounting                                                                               | : Direct Mounting                                               |
| 4.0  | Quantity & Tag No.                                                                             | : As per approved drawings                                      |
| 5.0  | Type of Sensing element                                                                        | : Diaphragm sealed piston actuator                              |
| 6.0  | Material of Construction                                                                       |                                                                 |
| 6.1  | Sensing element                                                                                | : SS 304                                                        |
| 6.2  | Casing & Body                                                                                  | : Die cast Alluminium weather proof to IP:66 as per IS: 13947 ( |
| 6.3  | Enclosure category                                                                             | : IP-66 weather proof as per IS : 2147                          |
| 7.0  | Switching element details                                                                      |                                                                 |
| 7.1  | Type of contact                                                                                | : Micro switch snap action type                                 |
| 7.2  | No. of Contacts                                                                                | : 1 Nos SPDT                                                    |
| 7.3  | Switch contact rating                                                                          | : 0.25 Amps, 220V DC                                            |
| 8.0  | Differential                                                                                   | : Fixed                                                         |
| 9.0  | Size of Process connection                                                                     | : 1/2" NPT(F) (With an adopter 1/4 " NPT ( F) X 1/2 NPT (F)     |
| 10.0 | Repeatability                                                                                  | : ± 0,50 % of FSR                                               |
| 11.0 | Over range protection                                                                          | : Provided for 150% of the max. range                           |
| 12.0 | Max. proof pressure                                                                            | : 24 Kg/Cm <sup>2</sup>                                         |
| 13.0 | Isolating valves provided                                                                      | : Yes- 1/2 " NPT                                                |
| 14.0 | Electrical Connection                                                                          | : Plug in socket type                                           |
| 15.0 | Snubber Circuit                                                                                | : Provided.                                                     |
| 16.0 | Setpoint over full range                                                                       | : Provided                                                      |

Note : All the mounting accessories shall be supplied by contractor. Quoted rate shall include the same