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| <b>Product code</b>                                     | SNR-CHR-51027EB                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>                                      | Sensor Faucet for Wash Basin (9V transformer)                                                                                                                                                                                                                                                                          |
| <b>Light Indicator on Usage</b>                         | Red LED indicator                                                                                                                                                                                                                                                                                                      |
| <b>Water Supply</b>                                     | Cold or premix water (1 inlet)                                                                                                                                                                                                                                                                                         |
| <b>Water Temperature</b>                                | Maximum 65 °C                                                                                                                                                                                                                                                                                                          |
| <b>Environment working Temperature</b>                  | 0 to 40°C                                                                                                                                                                                                                                                                                                              |
| <b>Inlet Water Connection</b>                           | 1/2" BSP (15mm)                                                                                                                                                                                                                                                                                                        |
| <b>Recommended Water Pressure</b>                       | 1.0 Bar - 5.0 Bar                                                                                                                                                                                                                                                                                                      |
| <b>Flow Rate</b>                                        | 13.64 LPM @ 3 bar                                                                                                                                                                                                                                                                                                      |
| <b>Self-close Over ride Time</b>                        | 12 sec                                                                                                                                                                                                                                                                                                                 |
| <b>Flow regulator</b>                                   | By using flow regulators (Product should be ordered with suffix as G-2.5 LPM, GA-6.0 LPM, GB-8.0 LPM, GD-3.8 LPM & GE-1.3 LPM @ 4.0 Bar pressure) one can regulate the flow rate.                                                                                                                                      |
| <b>Material Composition Specification in Percentage</b> | <p><b>Brass Ingots as per IS:1264-1997</b><br/>Cu (58.0-63.0), Sn (0.0-1.0), Pb (0.5-2.5), Ni (0.0-1.0), Al (0.2-0.8), Mn (0.0-0.5), Total Impurity (0.0-2.0), Zn (Remainder)</p> <p><b>Brass Rod as per IS:319-1989</b><br/>Cu (56.0-59.0), Pb (2.0-3.5), Fe (0.0-0.35), Total Impurity (0.0-0.7), Zn (Remainder)</p> |
| <b>Solenoid Valve Specification</b>                     | <p>Operating pressure 1.0 - 5.0 bar</p> <p>Nominal Voltage : 9 Volt DC (+/- 10%)</p> <p>Diaphragms gasket EPDM / NBR (buna) / Silicone (MVQ)</p> <p>Flow direction One way (As per Arrow)</p>                                                                                                                          |
| <b>IP Rating</b>                                        | <p>Protection against intrusion (control box) IP 66</p> <p>Protection against Ingress (sensor eye) IP 66</p>                                                                                                                                                                                                           |
| <b>Factory setting Parameters</b>                       | <p>Detection Range : 10 CM - 22CM</p> <p>Valve shut of Time : &lt; 2s</p> <p>Detection Time/ Response Time : Sensor activation time : &lt; 1s</p>                                                                                                                                                                      |
| <b>Power Source</b>                                     | 9V transformer (Jaquar make only)                                                                                                                                                                                                                                                                                      |
| <b>Power consumption</b>                                | <p>Power Consumption (StandBy): &lt; 0.4mW(DC),</p> <p>Power consumption (flushing): 0.4W</p>                                                                                                                                                                                                                          |
| <b>Finish</b>                                           | <p>Plating: Nickel-10.0 micron Chromium-0.3 micron</p> <p>Salt Spray (500 hrs + Validated)</p> <p>Adhesion (Pass)</p>                                                                                                                                                                                                  |
| <b>Aerator Size</b>                                     | WRAS, ACS Approved (M 24X1)                                                                                                                                                                                                                                                                                            |
| <b>Available Color Finishing</b>                        | CHROME (CHR)                                                                                                                                                                                                                                                                                                           |

DISCLAIMER: Our every effort has been made to ensure factual accuracy, the information presented subject to changes due to requirements in different sites, markets and/ or countries. 10% variation in flow rate may be possible. Jaquar reserves the right to make the necessary amendments at any time without prior notice.