



Product code	SNR-CHR-51001SQEB
Description	Sensor Faucet for Wash Basin in Square Shape with Base Flange (9V transformer & Battery Operated)
Light Indicator on Usage	Red LED indicator
Water Supply	Cold or premix water (1 inlet)
Water Temperature	Maximum 65 °C
Environment working Temperature	0 to 40°C
Inlet Water Connection	1/2" BSP (15mm)
Recommended Water Pressure	1.0 Bar - 5.0 Bar
Flow Rate	13.16 LPM @ 3 bar
Self-close Over ride Time	12 sec
Material Composition Specification in Percentage	<p>Brass Ingots as per IS:1264-1997 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>Brass Rod as per IS:319-1989 Cu (56.0-59.0), Pb (2.0-3.5), Fe (0.0-0.35), Total Impurity (0.0-0.7), Zn (Remainder)</p> <p>Brass Sheets as per IS:410-1977 Cu (61.5-64.5), Pb (0.0-0.3), Fe (0.0-0.075), Total Impurity (0.0-0.6), Zn (Remainder)</p>
Solenoid Valve Specification	<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>
IP Rating	<p>Protection against intrusion (control box) IP 66</p> <p>Protection against Ingress (sensor eye) IP 66</p>
Factory setting Parameters	<p>Detection Range : 10 CM - 22CM</p> <p>Valve shut of Time : < 2s</p> <p>Detection Time/ Response Time : Sensor activation time : < 1s</p>
Power Source	9V transformer (Jaquar make only)
Power consumption	<p>Power Consumption (StandBy): < 0.4mW(DC),</p> <p>Power consumption (flushing): 0.4W</p>
Finish	<p>Plating: Nickel-10.0 micron Chromium-0.3 micron</p> <p>Salt Spray (500 hrs + Validated)</p> <p>Adhesion (Pass)</p>
Available Color Finishing	CHROME (CHR)
<p>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.</p>	