



Product code	SNR-CHR-51001SQEB
Description	Sensor Faucet for Wash Basin in Square Shape with Base Flange (9V transformer)
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)
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.	