

SC4A

Product Data Sheet

SC4A-S-PR-NN-002-05-T1

Contacting Conductivity Sensor

MEASUREMENT ELECTRODE QUANTITY	NOMINAL CELL CONSTANT	INTEGRAL CABLE LENGTH	TEMPERATURE ELEMENT
2	0.02 cm ⁻¹	5 m	Pt1000 to IEC 751

Yokogawa SC4A-S-PR-NN-002-05-T1 is a contacting conductivity sensor in the SC4A range. It is the stainless-steel, two-electrode conductivity sensor for retractable PR10 mounting. The complete code selects a 0.02 cm⁻¹ cell constant, a 5 m fixed cable and a Pt1000 temperature element.

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VERIFIED TECHNICAL DATA

Measurement electrode quantity	2
Nominal cell constant	0.02 cm ⁻¹
Integral cable length	5 m
Temperature element	Pt1000 to IEC 751
Wetted electrode material	AISI 316L stainless steel
Sensor insulation	PEEK 450G
Process seal material	Viton
Retractable fitting	PR10
Mounting thread	M19 x 1.5
Temperature response t90	Less than 1 minute

ADDITIONAL PRODUCT DATA

Conductor cross-section	0.6 mm ²
Cable braid coverage	85% tinned copper
Cable jacket	TPE-O, black

DOCUMENTED USE SETTINGS

Pharmaceutical Manufacturing and Purified Water Production: Pharmaceutical Purified Water Production.

Semiconductor Manufacturing and High Purity Water: Semiconductor Ultrapure Water Production.

Electric Power Generation and Water Purification: Power Generation Water Treatment.

SYSTEM COMPATIBILITY

Yokogawa SC4A-S-PR-NN-002-05-T1 is a contacting conductivity sensor in the SC4A range. It is the stainless-steel, two-electrode conductivity sensor for retractable PR10 mounting. The complete code selects a 0.02 cm² cell constant, a 5 m fixed cable and a Pt1000 temperature element.

PRODUCT EVIDENCE

SC4A manufacturer technical reference

AMIKON PRODUCT SUPPORT

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