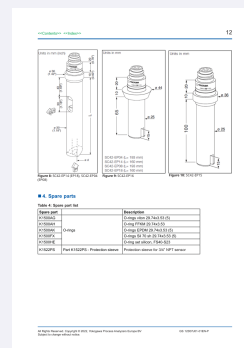


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

SC42-EP15

2-electrode insertion conductivity sensor



PRODUCT	SC42-EP15
FAMILY	SC42 conductivity sensors
FUNCTION	2-electrode insertion conductivity sensor
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Yokogawa documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Measuring method	2-electrode
Sensor style	Insertion cell
Body material	Glass-filled epoxy resin
Electrode material	Graphite impregnated with epoxy resin
Cell constant	1 cm-1
Temperature element	Pt1000 to IEC 751

02

PREPARATION AND CONNECTION

- Confirm the complete SC42-EP15 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

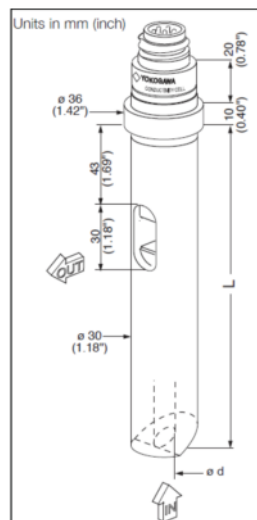


Figure 8: SC42-EP14 (EP18), SC42-EP04 (EP08)

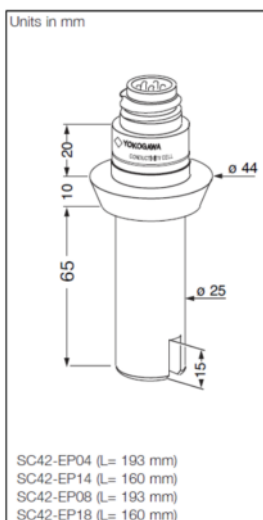


Figure 9: SC42-EP16

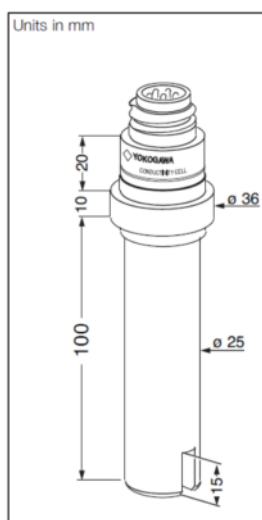


Figure 10: SC42-EP15

4. Spare parts

Table 4: Spare part list

Spare part		Description
K1500AG	O-rings	O-rings viton 29.74x3.53 (5)
K1500AH		O-ring FFKM 29.74x3.53
K1500AK		O-rings EPDM 29.74x3.53 (5)
K1500FX		O-rings Sil 70 sh 29.74x3.53 (5)
K1500HE		O-ring set silicon, FS40-S23
K1522PS	Part K1522PS - Protection sleeve	Protection sleeve for 3/4" NPT sensor

04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	Yokogawa official manufacturer documentation
Product record	SC42-EP15
Manufacturer	Yokogawa
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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