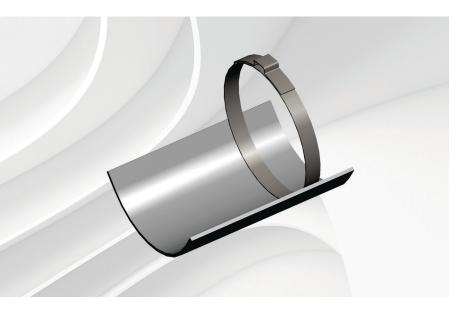


ABB MEASUREMENT & ANALYTICS | INSTRUCTION

Endura AZ20 Probe assembly Probe filter shield



Kit reference: AZ200 735

Measurement made easy

Endura AZ20 probe filter shield

1 Introduction

This publication details fitting procedures for the AZ20 probe filter shield (AZ200 735) that protects Endura AZ20 probe assembly standard and ceramic filters against erosion caused by process flow. Before carrying out any procedures, read Section 3. These procedures must be carried out by a suitablytrained technician.

Kit contains:

- AZ20 probe filter shield including fixed ring tie
- This publication

Tools required

- Carpenter-style pincers
- User Guide IM/AZ20P-EN

2 For more information

Further information is available from: <u>www.abb.com/analytical</u>

or by scanning these codes:





Sales

Service

3 Health & safety

Safety precautions

▲ WARNING – BODILY INJURY

Installation, operation, maintenance and servicing must be performed:

- by suitably trained personnel only
- in accordance with the information provided in this document in accordance with relevant local regulations
- refer to the probe User Guide (<u>IM/AZ20P-EN</u>) for probe assembly installation / removal procedures

MARNING – PROBE WEIGHT

- always wear suitable PPE before handling the probe assembly / performing this procedure.
- refer to the probe User Guide (<u>IM/AZ20P-EN</u>) for probe assembly weights.

4 Fitting

AZ20 probe with standard filter

Referring to Figure 1:

IMPORTANT NOTE

Ensure the shield covers the length of the standard filter and overlaps the end by approximately 10 mm (0.40 in.).

2 Use pincers (C) to crimp the buckle on ring tie (D) and secure the shield in place.

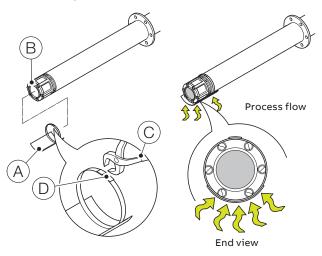


Figure 1 Fitting probe filter shield over standard filter

AZ20 probe with ceramic filter

Referring to Figure 2:

 $\label{eq:linear} \textbf{1} \quad \mbox{Slide shield} \begin{tabular}{l} \hline \end{tabular} \textbf{3} \end{tabular} \begin{tabular}{l} \end{tabular} \end{tabular} \textbf{3} \end{tabular} \end{tabular} \end{tabular} \end{tabular} \textbf{3} \end{tabular} \end{tabular$

IMPORTANT NOTE

Ensure the shield covers the full length of the ceramic filter.

2 Use pincers \bigodot to crimp the buckle on ring tie \boxdot and secure the shield in place.

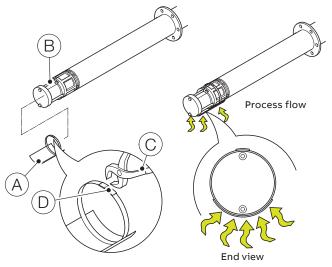


Figure 2 Fitting AZ200442 probe filter shield over ceramic filter

Installing the probe into the process

Refer to User Guide (<u>IM/AZ20P-EN</u>) to install the probe into the process.

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