

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 suitably-trained 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:

www.abb.com/analytical

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 ([IM/AZ20P-EN](#)) for probe assembly installation / removal procedures

⚠ WARNING – PROBE WEIGHT

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

4 Fitting

AZ20 probe with standard filter

Referring to Figure 1:

- 1 Slide shield (A) over standard filter (B) and rotate / align to protect the filter from erosion caused by process flow.

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.

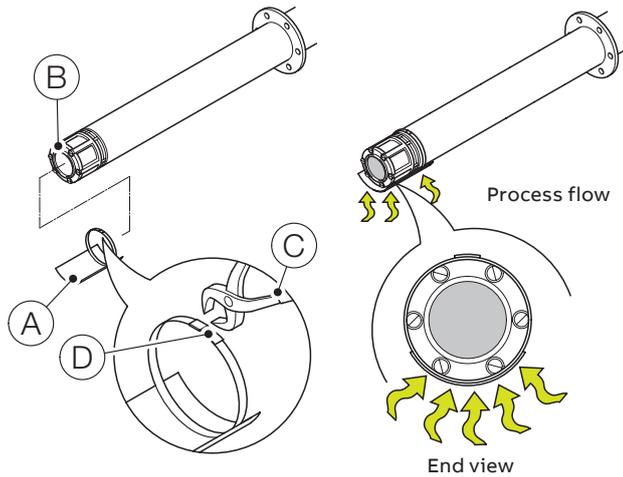


Figure 1 Fitting probe filter shield over standard filter

AZ20 probe with ceramic filter

Referring to Figure 2:

- 1 Slide shield (A) over ceramic filter (B) and rotate / align to protect the filter from erosion caused by process flow.

IMPORTANT NOTE

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

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

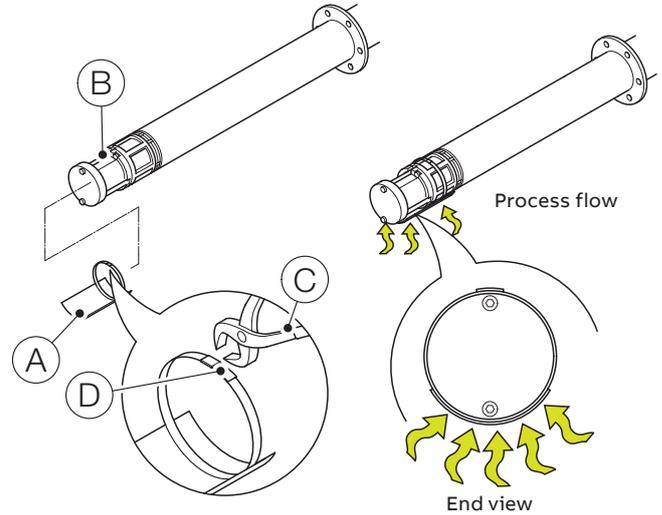


Figure 2 Fitting AZ200442 probe filter shield over ceramic filter

Installing the probe into the process

Refer to User Guide ([IM/AZ20P-EN](#)) to install the probe into the process.