1 Introduction

This publication details the wiper blade replacement procedure for 4690 series turbidity sensors. The procedure must be carried out by a trained technician.

The contents of the wiper blade replacement kit is shown in Table 1.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wiper blade (pack of 4)</td>
<td>7998 023</td>
<td>2</td>
</tr>
<tr>
<td>This publication – Wiper blade replacement</td>
<td>INF11/068-EN</td>
<td>1</td>
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</tbody>
</table>

Table 1  Wiper blade replacement kit 7998 023
3 Replacing wiper blade

1. Isolate the turbidity sensor from the power supply.
2. Referring to Fig. 3.1:
   a. Release wiper module retaining collar 1 and remove wiper module 2.
   b. Clean the wiper module.
   c. Pull wiper blade 3 out of slot 4 in wiper arm 5 and discard.
   d. Ensure wiper arm is at right angles and slot 4 is straight and parallel.
   e. Taking care not to damage the new wiper blade, slide it into the wiper arm slot 4, ensuring blade edge is facing outwards.
   f. Restore the power supply to the turbidity sensor.
   g. Ensuring wiper arm is not obstructed, hold wiper module securely and initiate a manual clean cycle – see Section 6 of the User Guide (IM/4690–EN).
   h. When clean cycle is complete, ensure wiper blade stops in-line with cut-out 6 in wiper module flange.
   i. Ensure O-ring 7 is undamaged and located correctly in wiper module groove.
   j. Carefully insert wiper module 2 into cell body, ensuring cut-out 6 in wiper module flange engages correctly with locating lug on cell body.
   k. Secure wiper module to cell body with retaining collar 1, tightening retaining collar hand-tight only.

Fig. 3.1 Replacing wiper blade