



Delivery quality of optical bodies for light control units and rain/light sensors

In some optical bodies for the light control unit and the rain/light sensors, there may be air bubbles in the adhesive pad. This applies to the following variants:

9XB 744 765-107	9XB 746 094-027
9XB 007 966-017	9XB 746 094-037
9XB 736 386-017	9XB 746 094-047
9XB 735 894-021	9XB 746 094-057
9XB 733 069-017	9XB 746 094-067
9XB 746 094-007	9XB 746 094-087
9XB 746 094-017	9XB 746 094-097



Fig. 1

This does not necessarily impair the function of the sensor. The following table contains the most important criteria that can be used to assess the possible complaint:



Fig. 2

Feature	Residual adhesive area	Function area
1a) closed bubbles inside the adhesive pad	Ø 1.0 mm	Ø 0.5 mm
1b) open bubbles	forbidden	forbidden
2 Film clouding	forbidden	forbidden
3 fiber-shaped foreign bodies	5 mm straight length	2.5 mm straight length
4 spot-like foreign bodies	Ø 1.0 mm	Ø 0.5 mm
5 Edge detachment	forbidden	forbidden
6 Position accuracy	(+/-) 1.0 mm	(+/-) 1.0 mm
Number of features	5	

Figure 1 shows an optical body without air bubbles. In Figure 2, several air bubbles can be seen across the function area in the adhesive pad, see red marking. The optical body may not be installed in this condition.