Claims

1. Sanitary wall installation connection box unit, comprising

- a box housing body (1) having a rear-side base portion (2) and a sleeve portion (3) projecting forward from the base portion, which sleeve portion peripherally surrounds a sanitary component mounting space (4), which space is accessible via an open front end face (5) of the sleeve portion, and

- a connector body (6) disposed on the base portion of the box housing body, which connector body comprises a sanitary component connection contour (7) facing the sanitary component mounting space, a fluid line connection interface structure (9) accessible on an outer side (8) of the box housing body, a fluid conduit structure (10) for fluid connection of the fluid line connection interface structure to the sanitary component connection contour, and at least one electric line feed-through opening (12) leading from an outer side (6a) of the connector body through the connector body to the sanitary component mounting space,

characterized in that

- the base portion (2) of the box housing body (1) is made of a sealing resilient material at least in an electric line connection region (2a) adjacent to the electric line feed-through opening of the connector body, and

- the electric line feed-through opening (12) of the connector body (6) is covered on an outer side by a

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closure membrane (13) made of the sealing resilient material of the electric line feed-through region of the base portion (2).

2. Sanitary wall installation connection box unit according to claim 1, further characterized by an electric line (15) which is fed through a membrane aperture (13a) formed in the closure membrane, wherein the sealing resilient material of the closure membrane rests sealingly on the edge of the membrane aperture pressing radially inwards against the electric line.

3. Sanitary wall installation connection box unit according to claim 1 or 2, further characterized in that the connector body has an annular or cylindrical shape and the electric line feed-through opening extends peripherally through the connector body in radial direction or with a radial main direction component (H_R).

4. Sanitary wall installation connection box unit according to claim 3, further characterized in that

- the fluid line connection interface structure comprises a plurality of fluid line connection interfaces (9a, 9b, 9c, 9d) disposed on a peripheral side on the connector body, and the fluid conduit structure comprises a plurality of associated fluid conduits (10a, 10b, 10c, 10d) between the respective fluid line connection interface and the sanitary component connection contour, and

- the electric line feed-through opening is disposed peripherally between two of the fluid conduits, or the connector body includes a plurality of electric line feed-through openings, with at least one of said openings being disposed between two of the fluid conduits.

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5. Sanitary wall installation connection box unit according to claim 4, further characterized in that the base portion of the box housing body in the electric line connection region has an outside, blind hole-shaped tube insertion port opening (14) in the sealing resilient material, wherein the tube insertion port opening in longitudinal direction overlapps with the electric line feed-through opening of the connector body, and wherein the closure membrane forms a bottom region of the tube insertion port opening.

6. Sanitary wall installation connection box unit according to claim 5, further characterized in that the tube insertion port opening is coaxial to the electric line feed-through opening of the connector body.

7. Sanitary wall installation connection box unit according to claim 5 or 6, further characterized by a tube retaining ridge structure (17) made of the sealing resilient material and formed on a peripheral edge (14a) of the tube insertion port opening to project radially inwards.

8. Sanitary wall installation connection box unit according to any one of claims 5 to 7, further characterized by a line receiving tube (18) which is provided for receiving an electric line and is inserted with a box-side tube end (18a) into the tube insertion port opening.

9. Sanitary wall installation connection box unit according to any one of claims 1 to 8, further characterized in that

- the connector body is composed of a synthetic or metallic material which has a greater stiffness as compared to the sealing resilient material of the electric line feed-through region of the base portion, and/or

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- the sealing resilient material of the electric line feed-through region of the base portion is a synthetic foamed material, preferably a thermoplastic particle foamed material.

10. Sanitary wall installation connection box unit according to any one of claims 1 to 9, further characterized in that the base portion in total is made of the synthetic foamed material, and the connector body is embedded in the synthetic foamed material of the base portion.

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