

Assembly instruction

Installation from Mounting flange into textile silos

Description

Mounting flange with G1¼ connection thread for installing the level indicator into textile silos.

The flange can be mounted at any position at the silo.

Large installation port for blades up to 215 mm.


The large base area diameter amounting to 280 mm prevents false reports upon relaxation of the silo walls.

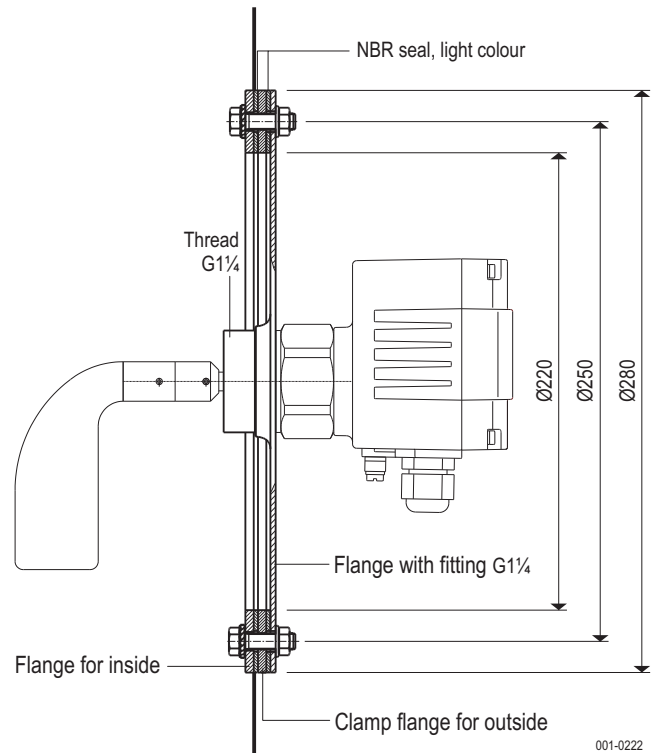
Technical Data

Material

Flanges	Steel, coated
Connection parts	Steel, galvanised
Seal rings	NBR, white food (FDA)

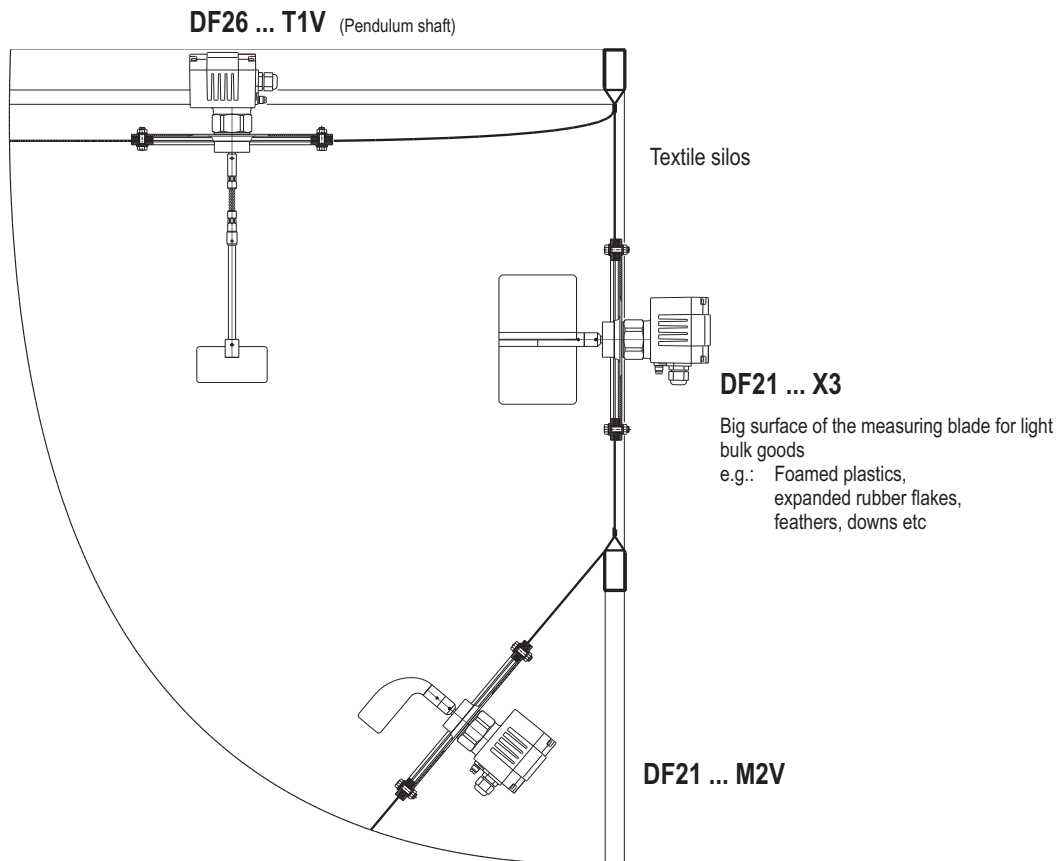
Connection thread G1¼ (G2)

 -type of protection for use in zone 20 and zone 0



001-0222

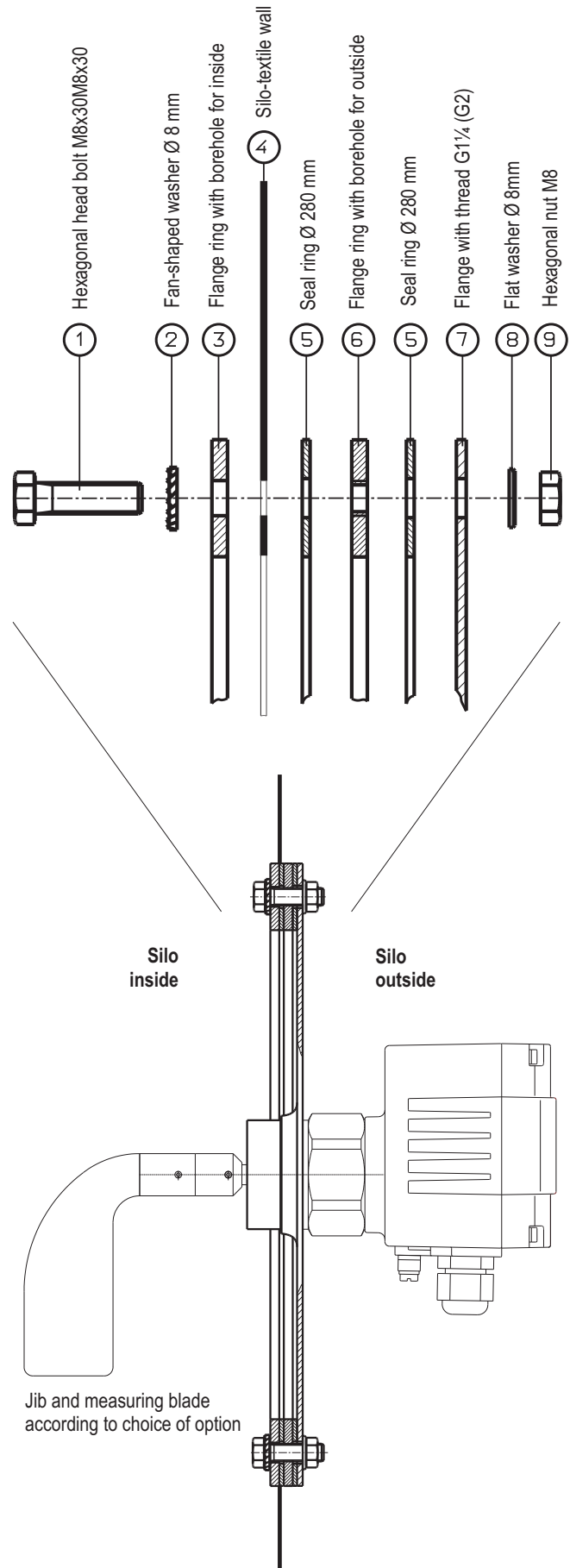
Example of application



Mounting

If the silo supplier has provided a connection possibility (Flange hole with bolt holes), proceed starting with paragraph 11 but without taking notice of paragraph 13:

1. Put the flange 3 on the place on the silo where the level indicator should be mounted.
2. Plot the flange hole with a tick felt-tip pen.
3. Cut the marked hole with scissors from the textile so that the felt-tip pen line remains.
4. Put the flange 3 again on the silo, adjust the bolt holes to the course of the threads that as few bearing threads as possible will be severed by the cutting of the holes.
5. Flame-cut a bolt hole through the flange borehole by a heat cutting device (e.g. Soldering iron).
6. Fix the flange on the textile with one of the attached screws and nuts.
7. Now flame-cut the opposite bolt hole and fix the textile also with a screw and nuts.
8. Flame-cut the remaining bolt hole. Take care that the textile will not warping.
9. Demount the screw connections now.
10. Take flange 3 and put it through the cut hole to the inside.
11. Mount now first both flange rings in the order of numbering (1-2-3-5-6).
12. Fasten the screws tightly. The flange connection has to transmit the loads from the lower to the upper side.
13. Now fuse the threads in the flange hole along the internal side of the flange connection by repeated striking clockwise along the inner side with a heat cutting device.
14. Screw the level indicator into the sleeve of flange 7 as shown.
15. Put seal ring 5 at the pin of the flange connection.
16. Now put flange 7 with the level indicator at the pre-mounted flange connection that the measuring blade points towards the internal of the silo.
17. Screw the nuts 9 with the washers 8 at the screw bolts and fasten them tightly.



Disposal

The flange lever can be recycled.

The disposal applies to the valid environmental guidelines according to the location of the carrier and the local manufacturing conditions.