

ULTRASAMPLER® Semi automatic lifting device for sample bottle type 6871 -3-50

The semi automatic lifting device for sample bottles type 6871-3-50 is an inexpensive device for bottle identification and positioning in the milk sample filling on the collecting vehicle. It will be used in conjunction with the sampling system ULTRASAMPLER® and is particularly suitable there, where incurred only a few samples during the collecting tour. The supply of the empty sample bottles and their transport in the filling position as well as the storage of the filled sample bottles, will be done by hand. The function of the semi-automatic sample bottle lifting device is to identify the sample bottle with an barcode reader (type 6727-40) or RFID antenna (type 6727-105). The samples bottles will be lifted up with an operating lever.

The semi automatic sample bottle lifting device is screwed onto the sampler and is mounted under the peristaltic pump. In the filling position, the injection needle of the sampler pierces the sealing plug of the sample bottle. Two proximity switches, integrated in the lifting device, detect the bottle and the filling position and allows control of the milk intake process.



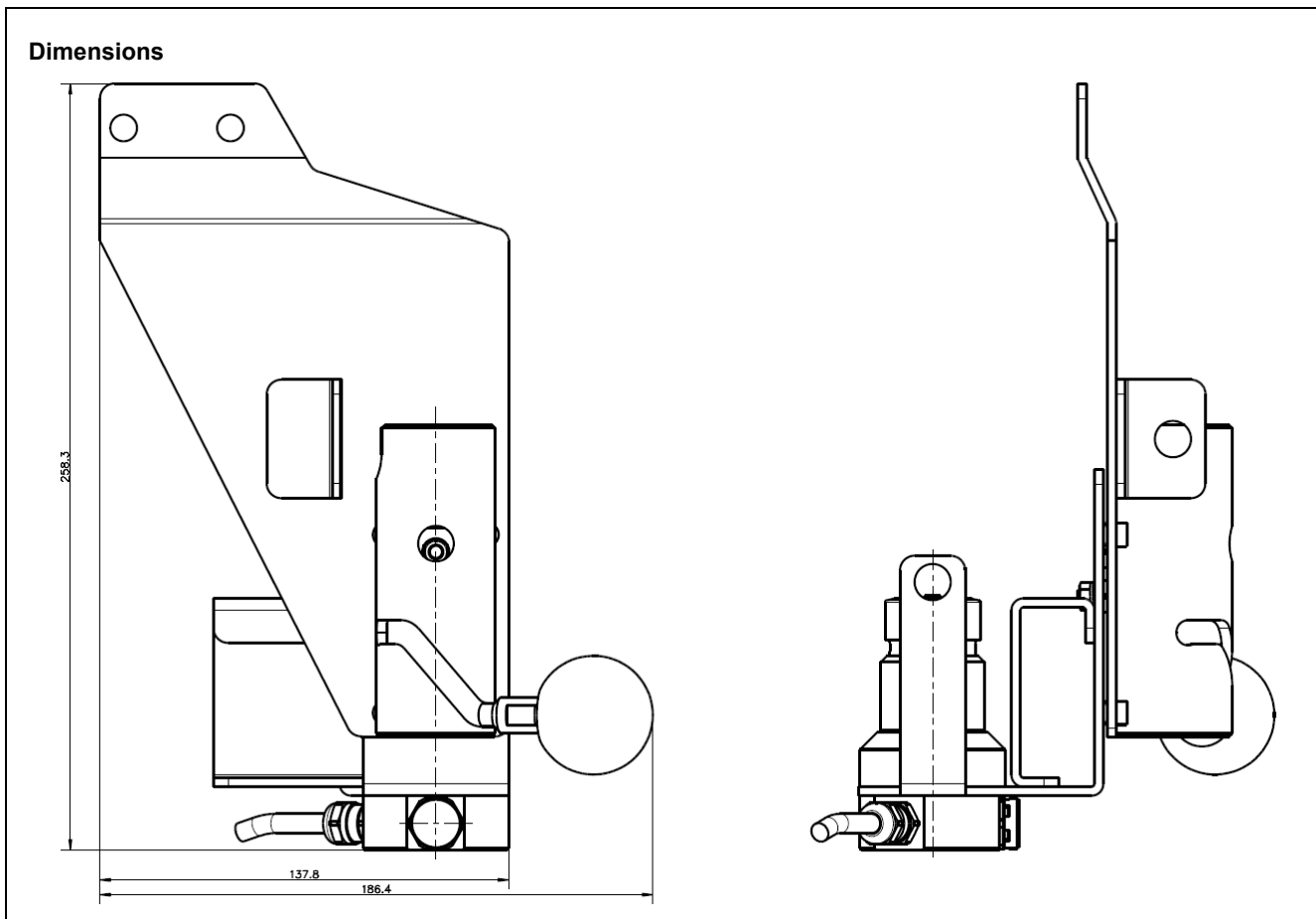
Semi automatic lifting device for sample bottle

- **Inexpensive device for bottle identification and positioning during milk sample filling**
- **Low installation volume and easy installation**
- **Can be integrated into automatic sequence routine by signal feedback via proximity switch**
- **Bottle identification by barcode or RFID transponder label**

Inductive proximity switch

The inductive proximity switch can be provide as a hardware lock of the collecting pump. In the activated state (filling position), it switches on a relay, which releases the electrical control of the collecting tank pump

| Technical Data | |
|---------------------------|--|
| Electrical data | |
| Operating voltage | 24 V DC |
| Connection turning device | 3m Ölflex 3 x 0,5mm ² |
| Ambient conditions | |
| Operating temperature | -10 ... +50 °C |
| Store temperature | -10 ... + 70 °C |
| Protective system | IP 68 |
| Mechanical data | |
| Construction | Fixed and mobile parts made of stainless steel, sliding disks made of Teflon; inductive proximity switch is screwed in and tightened |
| Weight | ca. 2,3kg |
| Usable sample bottles | 50 ml Sample bottles with triple slotted sealing plug |



| Order details | |
|---|---------------------|
| Designation | Order number |
| Semi automatic lifting device for sample bottle | U94416871350 |
| Attachments | |
| Inductive proximity switch 2mm PNP M12 x 1 | U496004 |
| Inductive proximity switch 2mm NPN M12 x 1 | U495593 |