

Hygienic Socket



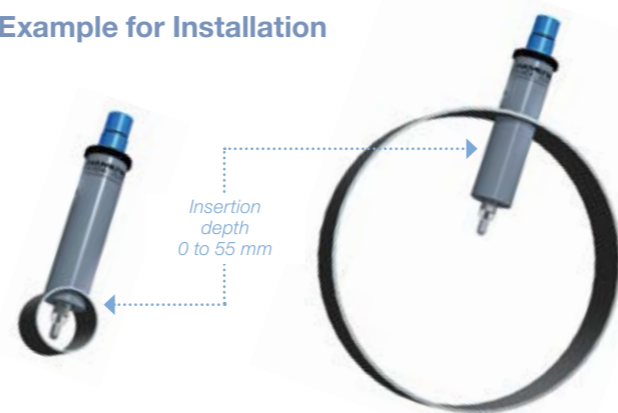
The Hygienic Socket with its space saving design and simple sterilization is ideal to weld in fermenters or small pipes. The advantages are numerous for many other applications in tanks or pipes for water treatment and in the pharmaceutical and chemical industries.

It is designed for 120 mm sensors and developed for easy installation and maintenance, improve the cleaning process and increase safety. Two "Live Guard" openings provide an indication of sealing failures. The sensor insertion depth can be varied for DO sensors by using the Hamilton DO Adapter.

Benefits

- ▶ Hygienic design because complete sensor installation with only one wetted o-ring
- ▶ Space saving
- ▶ Cost saving: Socket and Housing all in one
- ▶ Low maintenance and easy replacement of o-ring

Example for Installation



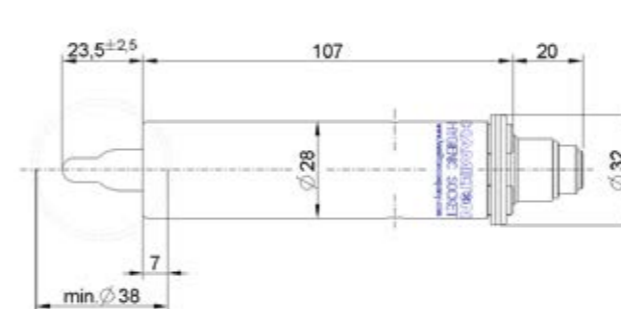
Specifications

| | |
|--------------------------------------|--|
| Wetted parts | Stainless Steel 1.4435 or 1.4404 or 1.4571 or 2.4602 |
| O-ring material | EPDM |
| Pressure range (relative to ambient) | 0 to 16 bar |
| Temperature range | -10 to 140 °C |
| Sensor thread | PG 13,5 |
| Sensor a-length | 120 mm |
| Surface finish | R _a < 0.4 μm (N5) |

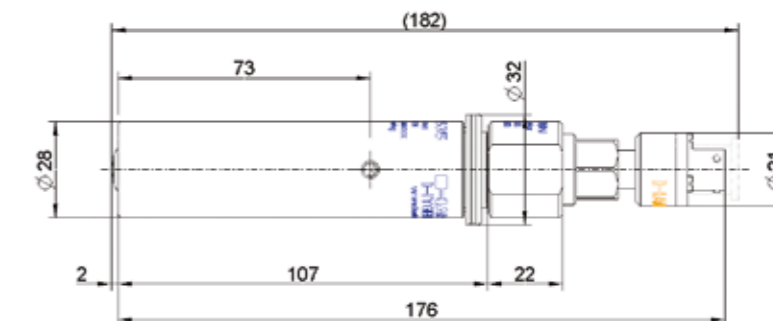
For more specifications see www.hamiltoncompany.com

Dimensional drawings

all dimensions in mm



Hygienic socket with a pH sensor



Hygienic socket with DO adapter and oxygen sensor

Ordering Information

| Type | Ref |
|------------------------|--------|
| Hygienic Socket 1.4404 | 242535 |
| Hygienic Socket 1.4435 | 242545 |
| Hygienic Socket 1.4571 | 242548 |
| Hygienic Socket 2.4602 | 242550 |

Accessories



- Hygienic Socket DO Adapter Ref 242538
- Replacement Kit Seal Pusher Ref 242532
- O-ring set EPDM Ref 242595
- Sensor Dummy 96 mm Ref 242540

- Sensor Dummy 117 mm Ref 242563
- O-ring set FKM Ref 242596
- O-ring set Silicone Ref 242597
- O-ring set FFKM Ref 242598