

### Submittal Data

| PROJECT:        | UNIT TAG:            | QUANTITY: |  |
|-----------------|----------------------|-----------|--|
|                 | <br>TYPE OF SERVICE: |           |  |
| REPRESENTATIVE: | SUBMITTED BY:        | DATE:     |  |
| ENGINEER:       | <br>APPROVED BY:     | DATE:     |  |
| CONTRACTOR:     | ORDER NO.:           | DATE:     |  |

# VFI/-3.2-64m/1/C/M5.00-X/VG6/S

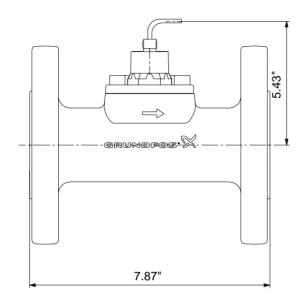
Accessories

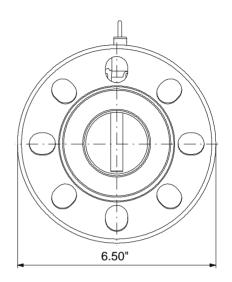
Product photo could vary from the actual product

| Conditions of Service  | Pump Data  | Motor Data   |                  |      |
|--|--|--|------------------|------|
| Flow: Head: Efficiency: Liquid: Temperature: NPSH required: Viscosity: Specific Gravity: | Maximum operating pressure: Liquid temperature range: Maximum ambient temperature: Type of connection: Product number: | 435.11 psi<br>-22 248 °F<br>158 °F<br>Flange<br>97688302 | Enclosure class: | IP67 |



# Submittal Data





**Materials:** 

Material: Stainless steel



**Date:** 8/19/2019

Count | Description

VFI/-3.2-64m/1/C/M5.00-X/VG6/S



Product photo could vary from the actual product

Product No.: 97688302

The VFI is the industrial version (4-20 mA output) of the Grundfos vortex flow meter range.

The VFI is based on the principle of vortex shedding behind a bluff body.

The VFI has no moving parts and is built into a stainless steel pipe.

The rugged design allows the VFI to be used in a wide range of applications as a cost-effective and accurate flow transmitter.

The VFI is delivered with a Stainless steel, DIN PN16/25/40 DN50, B16.5 2", Flange connection.

Controls:

Outputs: 4-20 mA, 2 wires

Liquid:

Liquid temperature range: -22 .. 248 °F

Technical:

Approvals and markings: CE,CCSAUS Measuring type: VORTEX

Materials:

Material: Stainless steel Connection mat.: Stainless steel

Installation:

Range of ambient temperature: -67 .. 158 °F
Maximum operating pressure: 435.11 psi
Type of connection: Flange

Pipework connection: DIN PN16/25/40 DN50, B16.5 2"

Range of flow measurement: 14.1 .. 282 US gpm



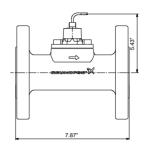
**Date:** 8/19/2019

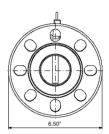
|       |                              |          | Date: | 8/19/2019 |
|-------|------------------------------|----------|-------|-----------|
| Count | Description                  | <u> </u> |       |           |
|       | Electrical data:             |          |       |           |
|       | Enclosure class (IEC 34-5):  | IP67     |       |           |
|       | Length of cable:             | 16.4 ft  |       |           |
|       | Udc:                         | 30 V     |       |           |
|       |                              | 12 V     |       |           |
|       | Others:                      |          |       |           |
|       | Net weight:                  | 13.4 lb  |       |           |
|       | Net weight:<br>Gross weight: | 18.5 lb  |       |           |
|       |                              |          |       |           |
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**Date:** 8/19/2019

| Description                   | Value                              |  |  |
|-------------------------------|------------------------------------|--|--|
| General information:          |                                    |  |  |
| Product name:                 | VFI/-3.2-64m/1/C/M5.00-X/VG<br>6/S |  |  |
| Product No.:                  | 97688302                           |  |  |
| EAN:                          | 5710621537971                      |  |  |
|                               | 5710621537971                      |  |  |
| Technical:                    |                                    |  |  |
| Flow range:                   | 3.2-64 m³/h                        |  |  |
| Approvals and markings:       | CE,CCSAUS                          |  |  |
| Measuring type:               | VORTEX                             |  |  |
| Materials:                    |                                    |  |  |
| Material:                     | Stainless steel                    |  |  |
| Connection mat.:              | Stainless steel                    |  |  |
| Installation:                 |                                    |  |  |
| Range of ambient temperature: | -67 158 °F                         |  |  |
| Maximum operating pressure:   | 435.11 psi                         |  |  |
| Type of connection:           | Flange                             |  |  |
| Pipework connection:          | DIN PN16/25/40 DN50, B16.5<br>2"   |  |  |
| Range of flow measurement:    | 14.1 282 US gpm                    |  |  |
| Liquid:                       |                                    |  |  |
| Liquid temperature range:     | -22 248 °F                         |  |  |
| Electrical data:              |                                    |  |  |
| Enclosure class (IEC 34-5):   | IP67                               |  |  |
| Length of cable:              | 16.4 ft                            |  |  |
| Udc:                          | 30 V                               |  |  |
|                               | 12 V                               |  |  |
| Controls:                     |                                    |  |  |
| 4-20 mA control:              | YES                                |  |  |
| Outputs:                      | 4-20 mA, 2 wires                   |  |  |
| Others:                       |                                    |  |  |
| Brand:                        | GRUNDFOS DIRECT<br>SENSORS         |  |  |
| Net weight:                   | 13.4 lb                            |  |  |
| Gross weight:                 | 18.5 lb                            |  |  |



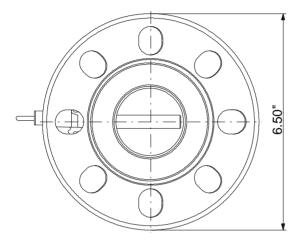


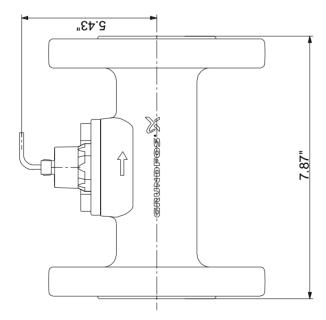


Date:

8/19/2019

#### 97688302 VFI/-3.2-64m/1/C/M5.00-X/VG6/S 60 Hz





Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.