# Fenac Draw-Wire Sensor

## Length up to 10000 mm

FENAC®
Automation Control

## FNC W100 Series

### Features

• **Measurement length up to 10000 mm**
• **Robust aluminium housing**
• **Very compact design**
• **Protection to IP54**
• **Wire-actuated ancoder for all rotary encoders with 58mm servo flange and different signal outputs**
• **Stainless steel wire**

### Technical data

| | |
|---|---|
| Measuring range | 0 - 10000mm |
| Resolution | customer spesific |
| Sensor element | Incremental, analog, absolute, CANopen etc. |
| Temperature range | 20 °C ............. +80 °C |
| Material:    housing: | aluminium |
|                 draw-wire: | 7x7 pvc coated 304 stainless steel (Ø 1 mm) |
| Wire acceleration | approx. 5g |
| Wire rectraction | approx. 1N |
| Wire extension | 1,5N |
| Protection class | IP54 |
| Max speed | 2m/s |

### Part number

| FNC | W | 100 | – | 10000 |
|---|---|---|---|---|

**Draw wire sensor**

Length:

600:    600mm
700:    700mm
800:    800 mm
900:    900 mm
1000:   1000mm

...

10000:   10000mm

### Mechanical dimensions



Ø 11,75
M6
TAMPON
98
98
23
98
Ø 36
40
45
140
120