

Numeric Profinet Display



180 mm high digits. Industrial environment
Readable from up to 90m
1 or 2 displaying sides

Characteristics

- Numeric data display to use on industrial applications
- Time out function between data
- Automatic colour selection depending of displayed value (only with colour option requested)
- ProfiNET RT Class 1 V2.3. Double Ethernet port with electrical isolation
- GSD file available

Application

Production counting & display of numbers from Profinet Network. Any numeric variable can be displayed like counters, RPM, temperature, # of pieces, efficiency %....
Dual Ethernet port with isolation & duplicate address detection.

Colour option

If requested the display colour can change depending on the input value. Colours are: Red, green and yellow.
Changing can be related to an internal loaded table or being forced by PC/PLC.



Option to display the measured

Up to 3 characters can be added to display units, like: Kg, Tm, °C, mV, m/s... Text is displayed using white vinyl letters or led illuminated letters (red or green).

Data tipe & equipment configuration

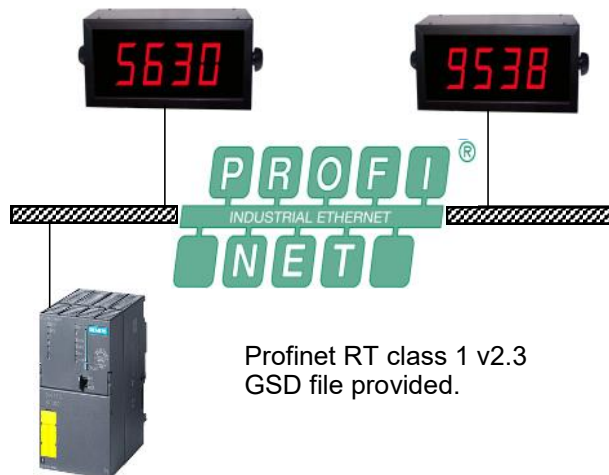
Data type

- UDWORD, DWORD, UWORD, WORD, decimal point controlled position
- ASCII allows to send numerical data in ASCII format and control characters for color control and blinking

► Data type is configured Offline using push buttons. It is not possible to change it Online.

Equipment configuration

The equipment comes with a default Profinet parameters and with the GSD file. To change one or more parameters an application is provided, allowing to reprogram offline the display with a new configuration and to generate the GSD file again. Display can work with Engineering tools like TIA Portal



Profinet RT class 1 v2.3
GSD file provided.

Dimensions

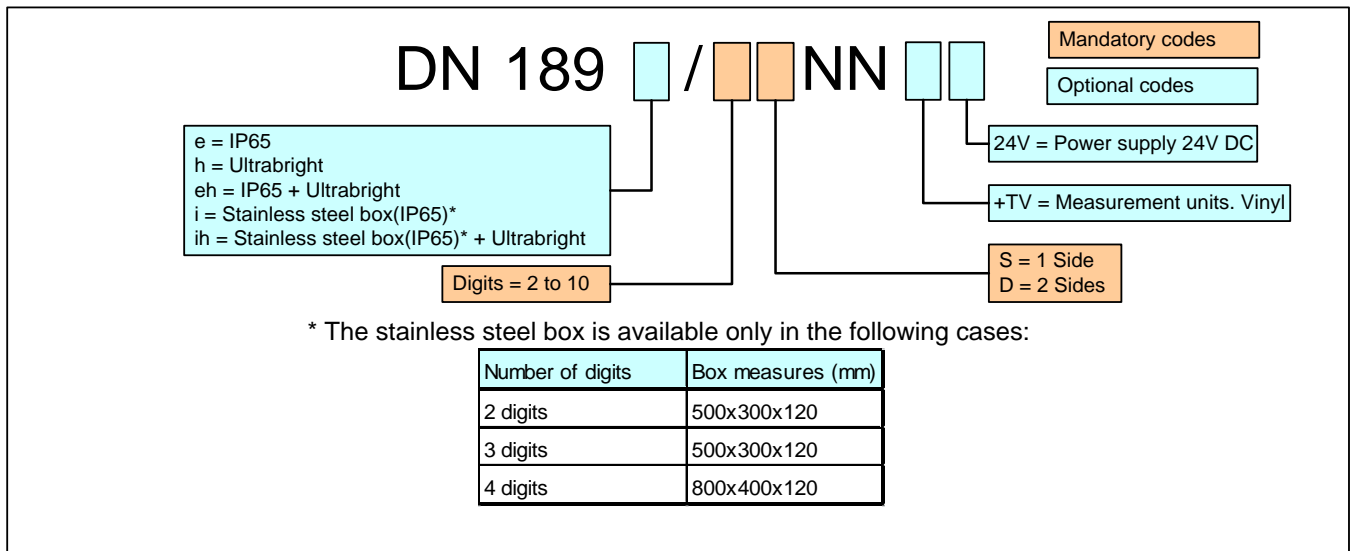
| Digit # | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---------|---|---|---|---|---|---|---|---|----|
|---------|---|---|---|---|---|---|---|---|----|

| DN-189 | Height = 251mm | | Depth = 120mm | | | | | | |
|---------------------------|----------------|-----|---------------|------|------|------|------|------|------|
| Width in mm | 340 | 500 | 660 | 820 | 980 | 1140 | 1300 | 1460 | 1620 |
| Width + Option text in mm | 660 | 820 | 980 | 1140 | 1300 | 1460 | 1620 | 1780 | 1940 |

General specifications

| | |
|---|--|
| Numeric display Height | 180mm |
| Unity of mesures text Height (optional) | 145mm |
| Visibility | 90 meters |
| Valid characters | 0 a 9, A,b,C,c,d,E,F,H,h,i,J,L,n,o,P,r,U,u [espace],=, [point], uppers, unders. |
| Maximum environmental illumination | 1000 lux |
| Maximum environmental lighting. Models | Outdoor |
| Colour. Red/Green/Yellow | No applicable |
| Supply voltage | 88 to 264 VAC 47 to 63Hz. Option 24VCC |
| Display sides | One or two |
| Housing | Rugged aluminum extrusion |
| Mounting | Wall or suspension |
| Protocols | PROFINET RT class 1 v2.3 |
| Operating temperature | -20° a 60°C |
| Storage temperature | -30° a 70°C |
| Protection level | IP41 IP65 |

Reference composition



EXAMPLES:

DN189/4DNN

4 Digits, DN189 series display, two sides.

DN189/3SNN

3 Digits, DN189 series display, one side.

DN189i/4SNPTV ("m/m")

4 Digits DN-189 series display, one side. Protection degree IP65 stainless steel box. Fixed text "m/m" in vinyl.