

Numeric Profinet Display



57 mm high digits. Industrial environment
Readable from up to 25m
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 units

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

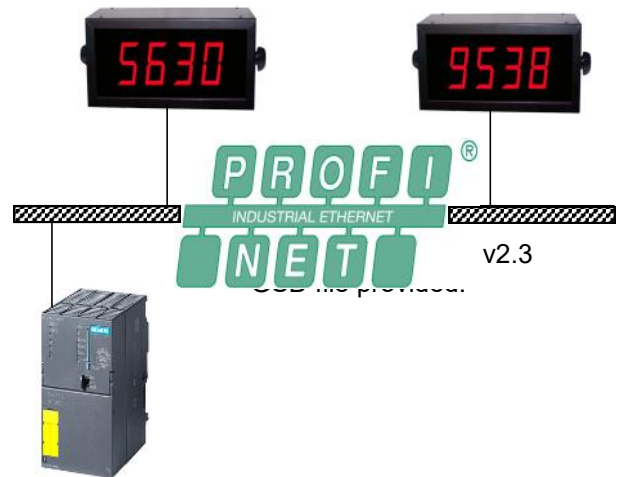
Data type

- 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



Dimensions

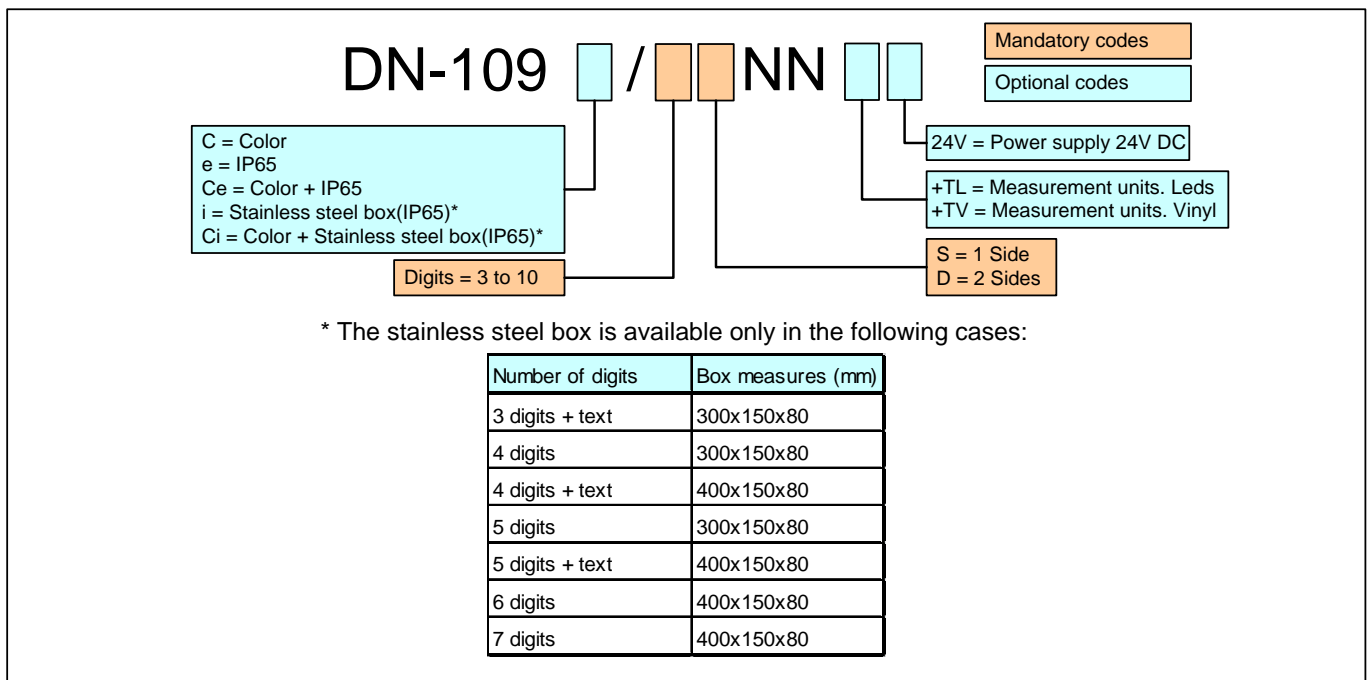
Dígitos	3	4	5	6	7	8	9	10
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DN109	Height = 122mm		Depth = 120mm					
Width in mm	288	288	288	336	382	430	478	526
Width + Option text	288	336	382	430	478	526	574	622

General specifications

Numeric display Height	57mm
Unity of mesures text Height (optional)	45mm
Visibility	30 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
Colour option	Available (Red, green and yellow)
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° to 60°C
Storage temperature	-30° to 70°C
Protection level	IP41
	IP65

Reference composition



EXAMPLES:

DN109/4DNN

4 Digits, DN109 series display, two sides.

DN109i/5SNNTL ("m/m")

5 Digits, DN-109 series display, one side. Inox Protection degree IP65. Fixed text "m/m" in red leds.

DN109C/3SNN

3 Digits, DN109 series display, colour, one side.