



• Main features

- Communications available:
 - Ethernet
 - Serial protocols RS-232/485
 - Wi-fi
 - Profinet (Optional)
- Configurable brightness level
- 2 relays outputs 24VDC 5A o 230VAC 10A.
- Possibility of representing units of measurements with vinyl or Led
- Equipment configuration through Webserver.
- 3 Years warranty

Application field

Visualization of data generated from corporate network, PC, PLC or measurement equipment, Scada programs

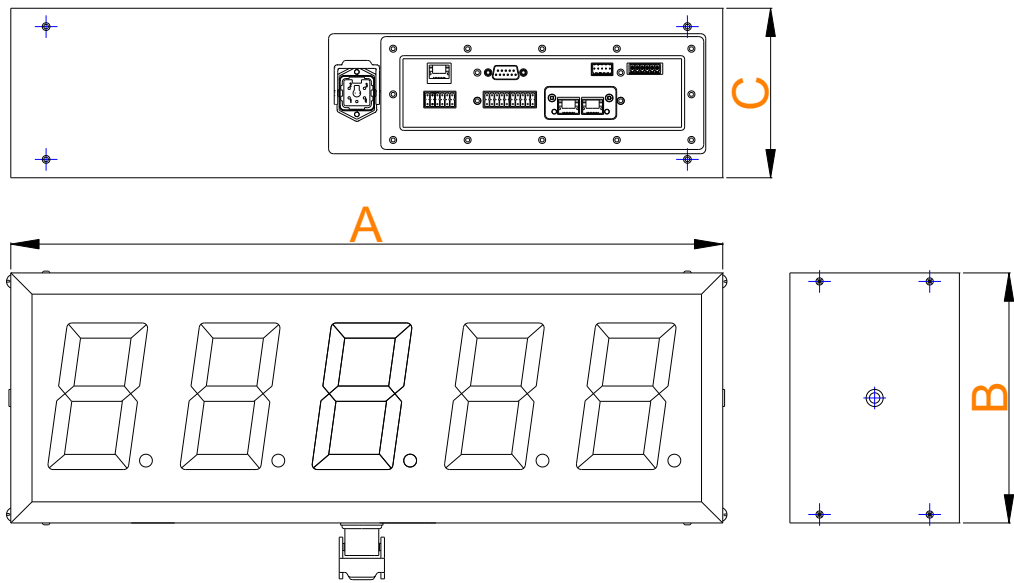
Clear and remote visualization of important data, warnings, generation of visual and/or audible alarms...

Main features	DN-109	DN-119	DN-189	DN-129
Digit height	57mm	100mm	180mm	250mm
Maximum reading distance	30 meters	50 meters	90 meters	125 meters
Number of digits	From 3 to 10			
Available characters	0-9,A,b,C,c,d,E,F,H,h,i,J,L,n,o,P,r,U,u [space],=[Dot],-,_,_			
Maximum ambient lighting	1000 lux. Optional: High brightness for outdoor use			
Power supply	100 to 240VAC 50/60Hz 75 W max. Optional: 19 to 36VDC.			
Display sides	One or Two			
Box (mechanical)	Extruded aluminum profile, enamelled matte black			
Attachment	By lateral inserts + supports. Allows wall mounting or suspended			
Ethernet protocols	TCP/IP, UDP/IP & Modbus/TCP			
Serial line protocols	RS-232/RS-485. MODBUS, ASCII, KOSMOS... Optional: RS-422.			
WiFi protocol	UDP/IP			
Clock	Internal Real-time clock, with SNTP synchronization			
Other options	Stainless Steel Case, conformal coating...			
Working/Storage Temperature	-20º to 60ºC / -30º to 70ºC			
Environmental protection level	IP41. Optional: IP54/IP65 via adaptor kit			

Profinet Option Characteristics

Dual port Ethernet
100 Mbit/s Full Duplex
Isochronous realtime communication
Conformance Class A, B and C
MRP (Media Redundancy Protocol) as a client
Display data updating frequency of 100 ms (10 Hz).

Measurements in mm



Digit Nº		3	4	5	6	7	8	9	10
DN-109	A	288	288	288	336	338	430	478	526
	B					122			
	C					120			
DN-119	A	324	414	504	594	684	774	864	954
	B					177			
	C					120			
DN-189	A	500	660	820	980	1.140	1.300	1.460	1.620
	B					251			
	C					120			
DN-129	A	750	985	1.220	1.455	1.690	1.925	2.160	2.395
	B					336			526
	C					120			
Vinyl/led Text Option:		DN-109 = A + 96mm		DN-119 = A + 180mm		DN-189 = A + 320mm		DN-129 = A + 470mm	

Reference composition

