

Digitale Anzeigesysteme für die industrielle Wägetechnik Digital Remote Displays for Industrial Weighing Applications

- ✓ Keine separate Programmier-Software erforderlich
No separate configuration software required
- ✓ Schnelle einfache Inbetriebnahme über eingebaute Webschnittstelle
Easy commissioning via built-in web interface
- ✓ Ethernet-Interfaces und serielle Schnittstellen RS-232 / RS-485
– kein Aufpreis für Ethernet
Interfaces serial RS-232 / RS-485 and Ethernet without extra charges
- ✓ Superhelle LED-Displays mit breitem Ablesewinkel mit autom. Helligkeitsanpassung für sichere Information auch bei direkter Sonneneinstrahlung
Super-bright LED displays with wide viewing angle for safe readability even with direct sunlight with automatic brightness control
- ✓ Optionale Schnittstellen: PROFINET, PROFIBUS, 0-10V/20mA uvm.
Optional interfaces: PROFINET, PROFIBUS, 0-10V/20mA and others
- ✓ Optionale Datenübertragung per Funk oder WLAN Verbindung
Optional radio data transmission or WLAN connection
- ✓ Kundenspezifische Modifikationen
Customized solutions



Produktübersicht Wägetechnik 60 mm | Product Overview Weighing Applications 60 mm

Auszug aus unserem Lieferprogramm Waagenanzeigen – weitere Versionen auf Anfrage. | Selection from our weighing displays delivery program – others on request.



	DA60-NN50/		DA60-AN50/		DA60-NS50/	DA60-NN60/	
	T20SYD	A20SYD	T20XYD	A20XYD	E20SYD	T20SPD	A20SPD
Zeichenhöhe (Ableseentfernung ca.) Character height (reading distance approx.)	60 mm (24 m)		60 mm (24 m)		60 mm (24 m)	60 mm (24 m)	
Min. 5 Stellen Min. 5 digits	●	●	●*	●*	●		
Min. 6 Stellen Min. 6 digits						●	●
Außenbereich Outdoor	●	●	●	●	●	●	●
Sicher ablesbar bei direkter Sonneneinstrahlung Reliable readability even under direct sunlight	●	●	●	●	●	●	●
Automatische Helligkeitsanpassung Automatic brightness control	●	●	●	●	●	●	●
Interface RS-232 + RS-485		●		●	●		●
Interface Ethernet TCP/IP	●	●	●	●		●	●
Display Zahlen Display numbers	●	●	●	●	●	●	●
Display Texte Display words alphanumerical			●	●			
Display Datum/Uhrzeit Display date/time							
Ampelflächen rot/grün (Datentelegramm) Traffic lights red/green (data telegram)			●*	●*			
Ampelflächen rot/grün (über extra Kontakteingänge) Traffic lights red/green (via separate signal inputs)							
Status-Symbole Stillstand, Tara etc. Scale status indicators stable, tare etc.			●*	●*			
LED Dimensionszeichen LED unit symbol							
Dimensionszeichen Hochleistungsfolie Unit symbol high quality film	●	●	●	●	●	●	●
Steckeranschlüsse außen External connectors	●	●	●	●	●	●	●
Kabelverschraubungen (Anschlüsse innen) Cable glands (internal connectors)							
Vollautomatische Telegrammerkennung Fully automatic data protocol detection					●		
Gehäuse Polyester glasfaserverstärkt IP68 grau Plastic enclosure in glass-fibre reinforced IP68 grey	●	●	●	●	●		
Gehäuse Aluminium IP54 und IP65 schwarz Aluminium enclosure IP54 and IP65 black						●	●
Gehäuse Aluminium IP65 silber Aluminium enclosure IP65 silver							

Standard LED-Displayfarbe: ● rot – andere Displayfarben auf Anfrage (○ weiß, ● grün, ● blau, ● gelb).
Standard LED display colour: ● red – other display colours on request (○ white, ● green, ● blue, ● yellow).

* Bei Anzeige von Status-Symbolen können nur 4 Stellen dargestellt werden.
* When status symbols are displayed, only 4 digits can be shown.

Produktübersicht Wägetechnik 120 mm | Product Overview Weighing Applications 120 mm

Auszug aus unserem Lieferprogramm Waagenanzeigen – weitere Versionen auf Anfrage. | Selection from our weighing displays delivery program – others on request.



	DA120-NN50/ A20SYD	DA120-NN50/		DA120-NN5E/		DA120-NN5A/			DA120-NN60/		DA120-NN6E/		DA120-NN6A/		
		T20SPD	A20SPD	T20SPD	A20SPD	T20SPD	A2QSPD	A20SPD	T20SPD	A20SPD	T20SPD	A20SPD	T20SPD	A2QSPD	A20SPD
Zeichenhöhe (Ableseentfernung ca.) Character height (reading distance approx.)	120 mm (48 m)	120 mm (48 m)		120 mm (48 m)		120 mm (48 m)			120 mm (48 m)		120 mm (48 m)		120 mm (48 m)		
Min. 5 Stellen Min. 5 digits	●	●	●	●	●	●	●	●							
Min. 6 Stellen Min. 6 digits									●	●	●	●	●	●	●
Außenbereich Outdoor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sicher ablesbar bei direkter Sonneneinstrahlung Reliable readability even under direct sunlight	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automatische Helligkeitsanpassung Automatic brightness control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Interface RS-232 + RS-485	●		●		●		●	●		●		●		●	●
Interface Ethernet TCP/IP	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Display Zahlen Display numbers	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Display Texte Display words alphanumerical															
Display Datum/Uhrzeit Display date/time															
Ampelflächen rot/grün (Datentelegramm) Traffic lights red/green (data telegram)						●	●	●					●	●	●
Ampelflächen rot/grün (über extra Kontakteingänge) Traffic lights red/green (via separate signal inputs)							●							●	
Status-Symbole Stillstand, Tara etc. Scale status indicators stable, tare etc.				●	●						●	●			
LED Dimensionszeichen LED unit symbol															
Dimensionszeichen Hochleistungsfolie Unit symbol high quality film	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Steckeranschlüsse außen External connectors		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Kabelverschraubungen (Anschlüsse innen) Cable glands (internal connectors)	●														
Vollautomatische Telegrammerkennung Fully automatic data protocol detection															
Gehäuse Polyester glasfaserverstärkt IP68 grau Plastic enclosure in glass-fibre reinforced IP68 grey	●														
Gehäuse Aluminium IP54 und IP65 schwarz Aluminium enclosure IP54 and IP65 black		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gehäuse Aluminium IP65 silber Aluminium enclosure IP65 silver															

Standard LED-Displayfarbe: ● rot – andere Displayfarben auf Anfrage (○ weiß, ● grün, ● blau, ● gelb).
Standard LED display colour: ● red – other display colours on request (○ white, ● green, ● blue, ● yellow).

Produktübersicht Wägetechnik 155 – 315 mm | Product Overview Weighing Applications 155 – 315 mm

Auszug aus unserem Lieferprogramm Waagenanzeigen – weitere Versionen auf Anfrage. | Selection from our weighing displays delivery program – others on request.

35978kg **35978kg** **635978kg** **9784.71kg** **5938.14 kg** **50297.8t**

	DA155-NN0105/ C20SQD A20SQD		DA155-NS0105/ E20SQD	DA155-NN0107/ A20SQD	DA155-NN01A7/ A20SQD	DA204-AN0108/ A20SP	DA315-AN0108/ A20SP
Zeichenhöhe (Ableseentfernung ca.) Character height (reading distance approx.)	155 mm (62m)		155 mm (62m)	155 mm (62m)	155mm (62m)	205 mm (82 m)	315 mm (126 m)
Min. 5 Stellen Min. 5 digits	●	●*	●				
Min. 6 Stellen Min. 6 digits				●	●	●	●
Außenbereich Outdoor	●	●	●	●	●	●	●
Sicher ablesbar bei direkter Sonneneinstrahlung Reliable readability even under direct sunlight	●	●	●	●	●	●	●
Automatische Helligkeitsanpassung Automatic brightness control		●	●	●	●	●	●
Interface RS-232 + RS-485	●	●	●	●	●	●	●
Interface Ethernet TCP/IP		●		●	●	●	●
Display Zahlen Display numbers	●	●	●	●	●	●	●
Display Texte Display words alphanumerical		●		●	●	●	●
Display Datum/Uhrzeit Display date/time		●		●	●	●	●
Ampelflächen rot/grün (Datentelegramm) Traffic lights red/green (data telegram)					●		
Ampelflächen rot/grün (über extra Kontakteingänge) Traffic lights red/green (via separate signal inputs)							
Status-Symbole Stillstand, Tara etc. Scale status indicators stable, tare etc.		●*		●	●	●	●
LED Dimensionszeichen LED unit symbol	●	●	●	●	●	●	●
Dimensionszeichen Hochleistungsfolie Unit symbol high quality film							
Steckeranschlüsse außen External connectors						●	●
Kabelverschraubungen (Anschlüsse innen) Cable glands (internal connectors)	●	●	●	●	●		
Vollautomatische Telegrammerkennung Fully automatic data protocol detection			●				
Gehäuse Polyester glasfaserverstärkt IP68 grau Plastic enclosure in glass-fibre reinforced IP68 grey							
Gehäuse Aluminium IP54 und IP65 schwarz Aluminium enclosure IP54 and IP65 black						●	●
Gehäuse Aluminium IP65 silber Aluminium enclosure IP65 silver	●	●	●	●	●		

Standard LED-Displayfarbe: ● rot – andere Displayfarben auf Anfrage (○ weiß, ● grün, ● blau, ● gelb).
Standard LED display colour: ● red – other display colours on request (○ white, ● green, ● blue, ● yellow).

* Bei Anzeige von Status-Symbolen können nur 4 Stellen dargestellt werden.
* When status symbols are displayed, only 4 digits can be shown.

Eingebaute Webschnittstelle Built-in Web Interface

The screenshot displays the web interface for a GS Device, organized into several configuration panels:

- GS Industrie-Elektronik GmbH Digital display systems**: Header information.
- Status**: Shows firmware version (GSNUM-1.0.13), hardware config (Cluster N00), display resolution (96 horix x 16 vert pixels), uptime (15 seconds), MAC address (70:B3:D5:A5:70:B3), Ethernet link (100 Mbps, full duplex), IP address (169.254.16.16), subnet mask (255.255.0.0), and default gateway (0.0.0.0). Includes a "Restart device" button.
- Network Configuration**: Includes DHCP settings (Hostname: GS-GmbH, IP address: 169.254.169.169, Subnet mask: 255.255.0.0, Default gateway: 0.0.0.0) and a "Store network configuration" button.
- Incoming Connection**: Includes TCP Port number (4001) and a "Store incoming connection settings" button.
- Outgoing Connection**: Includes Remote host, TCP Port number (1900), and a "Store outgoing connection settings" button.
- RS-232**: Shows speed (9.600 bps), data bits and parity (8 bits, no parity), and stop bits (1). Includes a "Store RS-232 settings" button.
- RS-485**: Shows speed (9.600 bps), data bits and parity (8 bits, no parity), and stop bits (1). Includes a "Store RS-485 settings" button.
- Data Protocol**: Configures protocol (<STX> Data <ETX>), addressing mode, address, and data capture settings.
- Data Timeout**: Configures timeout after last received data and standard/custom messages.
- Real Time Clock**: Shows current UTC and local times, time zone (CET-1CESTM3.5.0.M10.5.0/3), and synchronization options.
- Brightness**: Shows default and current brightness levels and a "Set Brightness" button.
- Test Mode**: Includes "Display brightness sensor value" (Current value: 26%), "Turn all LEDs on", "Test loop", and "Go back to normal mode" buttons.
- User Comment**: Includes a text input field and a "Store user comment" button.
- Reset**: Includes a warning and a "Reset all settings to factory defaults" button.

Kundenspezifische Modifikationen Customized Solutions

The image shows three examples of customized digital display solutions:

- A display showing a weight measurement: **682.5 kg**.
- A display showing financial data: **Soll 8500** and **Ist 5498**.
- A display showing a percentage bar chart with a value of **325.37 %** and the unit **tonn**.

Below these is a large display showing a date and weight: **10.9.2018**, **Terminal 2a**, **Wiegestation**, **LKW-Nr. 16**, and **2587.64 kg**.