

	ELEN, s.r.o., Ľubochnianska 16, 080 06 Ľubotice, Slovakia	
	DATASHEET	Datasheet No.:
Product name	Numerical display for weighing applications	11081002
Type / Model	NDI 57/5 W R L65	
Order code	ZZ0	Date of last revision: 10.08.2011



The NDI 57/5 W R L65 series displays are designed for demanding industrial conditions and are intended for the displaying of output numerical values of measured weight. They are fitted with special symbols for weighing applications. The displays' casings are of a proved double-wall design, made of zinc-plated steel sheets, powder paint coated. Anti-reflection dark front glass is made of 5 mm PPMA, which ensures a good contrast. In order to limit the impact of vibrations, the internal electronics is mounted flexibly on rubber blocks. Industrial power supply and data connectors ensure a reliable electric connection.

Technical Specifications

Height of characters	57 mm
Number of digits	5
Format	<i>B.B.B.B.B.</i>
Readability range	23 m
Type of display elements	7-segment superbright LEDs, suitable for use in indoor light conditions, luminous intensity ca. 46 mcd per segment, viewing angle 120°
Colour of display elements	Red
Special symbols	NET, -0-, g, kg, t
Communication interface	Serial RS232/RS485 with galvanic separation (switchable inside the device), Ethernet TCP/IP, Profibus DP, passive input BCD 24 V with galvanic separation, LonWorks® FTT-10, parallel, analog inputs (0-10 V, 0-20 mA, 4-20 mA, counter 1 kHz), and other upon request
Communication protocol	ELEN, Schenck DDP 8850, DDP 8861 (Disomat B, Disomat F), Profibus DP, Intecon Plus, Orbit Controls, LonTalk, and other upon request
Power supply	110 V / 230 V, tolerance +6 / -10%, 50 Hz
Data / mains connector	Binder 713 / Binder 714
Class of protection	IP 65
Operating temperature	-30°C ÷ +50°C
Dimensions	549 mm x 163 mm x 140 mm (please see dimensional drawing)
Weight	8.8 kg

Displaying of statuses in measurement of weight

Displaying of units	g, kg, t
Net weight	Indicated by NET on display
Stable zero reading	Indicated by -0- on display
Unstable weight	Blinking weight unit
Stable weight	Stable reading, weight unit not blinking
Tare	Blinking symbol NET
Overflow	Indicated by <i>out</i> on display
Control unit error	Indicated by <i>Err</i> on display
Overrun of maximal preset value	Indicated by <i>ooo</i> on display

Dimensional Drawing

