

Large displays

Numeric digital display

Large 57 mm LED display, 4, 6 or 8-digits

D060S, D065S



Features

- Triggering by RS485 or RS232
- Protocols ASCII 1, ASCII 2, ASCII 3, ISO1745, Modbus, S7-200
- ASCII 3 protocol compatible to our electronic counters
- LED display, 3-color for D065S
- Clearly legible in 30 m distance
- Programmable parameters
- Two programmable limits for color change (D065S)

D065S - large display

Technical data - electrical ratings

Voltage supply	100...240 VAC ±10 % (50/60 Hz)
Power consumption	3.5 VA per digit
Number of digits	4-digits 6-digits 8-digits
Digit height	57 mm
Function	Large numeric display of following characters: 0...9, A,b,C,d,E,F,H,h,i,J,L,n,o,P, r,U,u,-,space, dot
Programmable parameters	Display color Limits for display color change Interface protocol Interface parameter
Data memory	>10 years in EEPROM
Standard DIN EN 61010-1	Protection class II Overvoltage category II Pollution degree 2
Emitted interference	DIN EN 61000-6-3
Interference immunity	DIN EN 61000-6-2

D060S

Display LED, 7-segment display red

D065S

Display LED, 7-segment display,
3 colors - red, green, amber

Technical data - mechanical design

Ambient temperature	0...+50 °C
Storage temperature	-10...+60 °C
Relative humidity	95 % non-condensing
Connection	Connector D-SUB, female, 9-pin MIL-connector, 3-pin
Core cross-section	1.5 mm ²
Operation / keypad	2 short-stroke keys on lower side
Housing type	Surface mount housing with mounting bracket
Housing colour	Black
Dimensions W x H x L	290 x 125 x 120 mm (4-digits) 320 x 125 x 120 mm (6-digits) 420 x 125 x 120 mm (8-digits)
Mounting	Surface mount housing Wall mount with mounting angle
Weight approx.	3 kg
Material	Housing: aluminium

D060S

Protection DIN EN 60529 IP 41

D065S

Protection DIN EN 60529 IP 65

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Part number

Display, red

D060S.4 S4A01

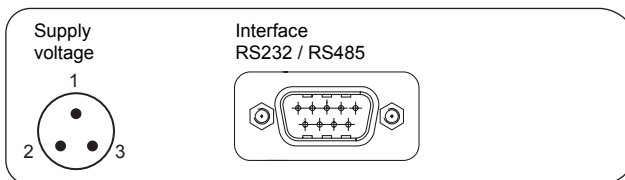
Display
4 4-digits
6 6-digits
8 8-digits

Display red, green, amber

D065S.4 S4E01

Display
4 4-digits
6 6-digits
8 8-digits

Connection diagram



Terminal assignment

Inputs

Voltage supply

Terminal	Assignment
1	Supply voltage
2	Supply voltage
3	Ground

Interface

Terminal	Assignment	RS232	RS485
1	–	–	–
2	RxD	–	–
3	TxD	–	–
4	–	–	–
5	GND	–	–
6	–	–	–
7	–	–	T,R-
8	–	–	T,R+
9	–	–	Ground