

Message display system

REDIS 310

according to Volkswagen
design guideline
8E76



The message display system REDIS 310 is a ready-to-connect device, which is equipped with the application software and therefore ready for the immediate operation. Only a few steps are required for the parameterization of the device in the network or in the field bus system and the integration of premade software modules in the PLC.

- Easily installed and ready for operation without programming
- Optional variants with the interfaces:
 - Profinet-IO
 - Profibus-DP
 - S7-Ethernet
- Up to 32 languages can be switched online, German, Slovak, Spanish, Chinese, Russian, etc. freely configurable
- Detailed information with up to 90 characters per message
- Automatic date and time synchronization with the PLC
- Function to store the message archive on external USB memory
This allows a fault isolation during the commission of the system, without host system
- Free definition of the plant via text input on the device
- Function for data exchange via FTP or VPN when connected to a host system
- Reliable, durable and maintenance free with LED backlighting and CF card memory

Technical Data

Display	
Type	TFT
Colors	65535
Diagonal (inch)	10,4
Format	4:3
Resolution	640 x 480
Operating	
Touchscreen	Analog resistive
Keys	12 Function keys with push-in stripes, 1 special key
Interfaces	
Profinet-IO Device	Option incl. Switch 2 x RJ45
Profibus-DP Slave	Option
Ethernet	1 x RJ45
USB	2 x USB 2.0
Serial Interfaces	2 x RS232/RS422/RS485 selectable
Electrical Connection	
Power supply	24VDC -15% to +20% acc. to IEC 1131-2
Current drawn	app. 1 A
Protection	
Front	IP65 acc. to EN 60529
Rear	IP20 acc. to EN 60529
Environmental Conditions	
Operating temperature	0 to 50°C
Storage temperature	-20 to 60°C
Relative humidity	<80%
Housing	
Overall dimensions (WxH in mm)	370 x 270
Cut-Out dimensions (WxH in mm)	341 ⁺¹ x 241 ⁺¹
Mounting depth	app. 80 mm without plug
Front panel	Aluminum front panel with design foil
Housing lid	Stainless steel
Weight	app. 3.2 kg
Item numbers	
92614 0008	RD 310 VW-KTA Profinet I/O
92614 0001	RD 310 VW-KTA Profibus-DP
92614 0006	RD 310 VW-KTA S7-Ethernet

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