

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

Colors	Display	
Diagonal (inch) 10,4	Type	TFT
Resolution 640 x 480 Deparating Found 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 JJSB 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 Deparating temperature 0 to 50°C Sclorage temperature -20 to 60°C Relative humidity <80% Housing Deverall 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 id Stainless steel Weight app. 3.2 kg Item numbers 2614 0008 RD 310 VW-KTA Profibus-DP	Colors	65535
Resolution 640 x 480 Operating Fouchscreen Analog resistive Reys 12 Function keys with push-in stripes, 1 special key Interfaces Profinet-TO 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 Housing lid Stainless steel Weight app. 3.2 kg Item numbers 2614 0008 RD 310 VW-KTA Profibus-DP	Diagonal (inch)	10,4
Touchscreen Analog resistive Keys 12 Function keys with push-in stripes, 1 special key Interfaces Profinet-IO Device Option incl. Switch 2 x RJ45 Option Ethernet 1 x RJ45 JSB 2 x USB 2.0 Serial Interfaces 2 x RS232/RS422/RS485 selectable Electrical Connection Ower supply 24VDC -15% to +20% acc. to IEC 1131-2 Current drawn app. 1 A Protection Front IP65 acc. to EN 60529 Environmental Conditions Operating temperature 0 to 50°C Selative humidity <80% Housing Overall dimensions (WxH in mm) 370 x 270 Cut-Out 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 Housing lid Stainless steel Weight app. 3.2 kg Item numbers Operating temperature app. 3.2 kg Item numbers Operating temperature app. 3.2 kg Item numbers Operating temperature app. 3.10 VW-KTA Profibus-DP	Format	4:3
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Option incl. Switch 2 x RJ45 Profibus-DP Slave Option Ethernet 1 x RJ45 JSB 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 Environmental Conditions Operating temperature O to 50°C Sclorage temperature -20 to 60°C Relative humidity Aboverall dimensions (WxH in mm) 370 x 270 Cut-Out dimensions (WxH in mm) 370 x 270 Cut-Out dimensions (WxH in mm) Aluminum front panel with design foil Housing lid Housing lid Weight App. 3.2 kg Item numbers 2614 0008 RD 310 VW-KTA Profibus-DP	Keys	12 Function keys with push-in stripes, 1 special key
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Rear IP65 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 dousing lid Stainless steel Weight app. 3.2 kg Item numbers 92614 0008 RD 310 VW-KTA Profinet I/O RD 310 VW-KTA Profibus-DP	Current drawn	app. 1 A
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 22614 0008 RD 310 VW-KTA Profibus-DP	Protection	
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Operating temperature -20 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 RD 310 VW-KTA Profibus-DP	Rear	IP20 acc. to EN 60529
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 RD 310 VW-KTA Profibus-DP	Environmental Conditions	
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 Profibus-DP	Operating temperature	0 to 50°C
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 RD 310 VW-KTA Profibus-DP	Storage temperature	-20 to 60°C
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 RD 310 VW-KTA Profibus-DP	Relative humidity	<80%
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 RD 310 VW-KTA Profibus-DP	Housing	
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 RD 310 VW-KTA Profibus-DP	Overall dimensions (WxH in mm)	370 x 270
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 RD 310 VW-KTA Profibus-DP	Cut-Out dimensions (WxH in mm)	341 ⁺¹ x 241 ⁺¹
Housing lid Stainless steel Weight app. 3.2 kg Item numbers 92614 0008 RD 310 VW-KTA Profinet I/O RD 310 VW-KTA Profibus-DP	Mounting depth	app. 80 mm without plug
Weight app. 3.2 kg Item numbers Profinet I/O 92614 0001 RD 310 VW-KTA Profibus-DP	Front panel	Aluminum front panel with design foil
Item numbers 92614 0008 RD 310 VW-KTA Profinet I/O 92614 0001 RD 310 VW-KTA Profibus-DP	Housing lid	Stainless steel
P2614 0008 RD 310 VW-KTA Profinet I/O RD 310 VW-KTA Profibus-DP	Weight	app. 3.2 kg
P2614 0001 RD 310 VW-KTA Profibus-DP	Item numbers	
	92614 0008	RD 310 VW-KTA Profinet I/O
92614 0006 RD 310 VW-KTA S7-Ethernet	92614 0001	RD 310 VW-KTA Profibus-DP
	92614 0006	RD 310 VW-KTA S7-Ethernet

Doc.-no.: HR RD310 VW-KTA V1.0 EN 072017

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