



Automatic Vehicle Identification

Functional specifications

Inductive product line

2002

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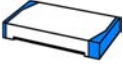

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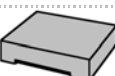
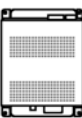
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Supergis readers


Product	Art. nr.	Description
	9841253	SGIII <i>Supergis III</i>
		Technical features <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 410 x 240 x 75 mm • Weight: 4.3 kg • Protection: IP30 Temperature range: 0...40°C • Power supply : 230...240 VAC \pm 10, 50...60 Hz, 22...30 VDC, max. 1.4 A • Build in clock in hours and minutes • Back up battery (4 years) • Inputs: 1 potential free or open collector, optional extension up to 5 inputs • Outputs: 1 potential free (NO, common and NC) extension up to 5 outputs optional • Interfaces: RS232, RS422, 20mA CurrentLoop, Profibus DP, Interbus S, and MD300 • Protocol: DC2/DC4, CR/LF, S3964R, Multidrop, Profibus DP and Interbus S • Antenna connection: 1 external antenna • Order information: customer code & name, eeprom software (protocol) and interface board
<i>Optional</i>	9883878	<i>SGIII 110 VAC version</i>
	9838902	<i>SGIII IP65 Stainless steel housing</i>

GIII readers


Product	Art. nr.	Description
	9883894	<p>GIII</p> <p><i>G III read unit</i></p>
		<p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 275 x 240 x 75 mm • Weight: 2.8 kg • Protection: IP30 • Temperature range: 0...40°C • Power supply : 230...240 VAC \pm 10, 50...60 Hz, 22...30 VDC, max. 1.4 A • Input: 1 • Outputs: optional 1 potential free (NO, common and NC) • Interfaces: RS232, RS422, 20mA CurrentLoop, Profibus DP, Interbus S, and MD300 • Protocol: DC2/DC4, CR/LF, S3964R, Multidrop, Profibus DP and Interbus S • Antenna connections: 1 optional external antenna • Order information: Customer code & name, eeprom software (protocol) and interface board
Optional	9841423	<i>GIII IP65</i>
	9842136	<i>GIII IP 65 Stainless steel</i>
	9846590	<p>GIII-B</p> <p><i>GIII Basic reader</i></p>
		<p>The GIII-B only operates from a power supply and has a housing suited for DIN rail mounting.</p> <p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 157 x 209 x 80 mm • Weight: 1.5 kg • Protection: IP30 • Temperature range: 0...40°C • Power supply : 22...30 VDC • Input: 1 • Output: optional 1 potential free (NO, common and NC) • Interfaces: RS232, RS422, 20mA CurrentLoop, Profibus DP, Interbus S and MD300 • Protocol: DC2/DC4, CR/LF, S3964R, Multidrop, Interbus S and Profibus DP • Antenna connections: 1 optional external antenna • Order information: customer code & name, eeprom software and interface board

	<p>9846670</p>	<p>GIII-B EX</p> <p><i>GIII-B with integrated antenna suited for application in EX zones</i></p>
		<p>The MEYLE GIII-B EX reader is a RFID unit especially suited for RFID applications in hazardous environments where security and reliability are essential requirements. The GIII-B EX can be applied in hazardous areas that typically exist in the chemical and petrochemical industry.</p> <p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 300 x 280 x 240 mm • Weight: 14.1 kg • Protection: Eex-d II B – II C T6 IP65 • Temperature range: 0...40°C • Power supply : 22...30 VDC • Input: 1 • Output: optional 1 potential free (NO, common and NC) • Interfaces: RS232, RS422, 20mA CurrentLoop, Profibus DP, Interbus S and MD300 • Protocol: DC2/DC4, CR/LF, S3964R, Multidrop, Interbus S and Profibus DP • Antenna connections: 1 optional external antenna • Order information: customer code & name, eeprom software and interface board
	<p>9883703</p>	<p>GIII-CM</p> <p><i>G III read unit with integrated antenna</i></p>
		<p>The GIII-CM unit is a compact device combining low power consumption with an excellent reading performance. The unit is able to capture latest generation phase modulated RFID tags. Its vulnerability to environmental disturbances is warranted due to the equipment's industrial design. The unit is supplied with a pre-tuned built-in antenna.</p> <p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 310 x 250 x 80 mm • Weight: < 2 kg • Protection: IP65 • Temperature range: -20...+40°C • Power supply : 24 VDC • Input: not available • Output: optional 1 potential free contact • Interfaces: RS232, RS422, 20mA CurrentLoop, Profibus DP, Interbus S, MD300, TCP/IP • Protocol: DC2/DC4, CR/LF, S3964R, Multidrop, Profibus DP, Interbus S and TCP/IP • Antenna connections: 1 optional external antenna • Order information: customer code & name, eeprom software and interface board

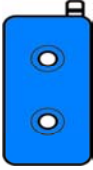
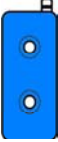
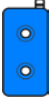

Handhelds

Product	Art. nr.	Description
	9845461	ID-Logger <i>Handheld RFID scanner kit</i>
		Technical features <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 170 x 70 x 30 mm • Weight: 350 g • Protection: IP54 • Temperature range: 0...+50°C • Detection range: 10 ... 50 cm depending on used tag • Power: rechargeable battery, including 220 VAC net adapter • Memory size: 512 kB • Interfaces: RS232, cable included • Communication protocols: binary • Number of readings: >1000 with full battery • Build in clock with date and time in hours/minutes/seconds • Back up: supercap max 24 hours • Display: 4 lines of 20 characters with background lighting • Communication: through Windows orientated software development kit WinLog
	9882375	Combi-Logger <i>Handheld scanner kit for RFID and barcode scanning</i>
		Technical features <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 170 x 70 x 55 mm • Weight: 450 g • Protection: IP54 • Temperature range: 0...+50°C • Detection range: 10 ... 50 cm depending on used tag • Power: rechargeable battery, including 220 VAC net adapter • Memory size: 512 kB • Interfaces: RS232, cable included • Communication protocols: binary • Number of readings: >1000 with full battery • Build in clock with date and time in hours/minutes/seconds • Back up: supercap max 24 hours • Display: 4 lines of 20 characters with background lighting • Bar-code laser scanner: IEC Class 2, IR activated scanner, supports all common barcodes • Communication: through Windows orientated software development kit WinLog


Writers

Product	Art. nr.	Description
	9839941	GWII <i>Read-write device in IP65 housing</i>
		Technical features <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 90 x 200 x 300 mm • Weight: 4,3 kg • Protection: IP65 • Temperature range: 0...+40°C • Power supply : 100 .. 240 VAC ± 10%, 50 ... 60 Hz or 12 ... 15 VDC • Power consumption: 10 VA • Input: 2 inputs • Output: 1 relais output • Interfaces: RS232 • Protocol: DC2/DC4 • Order information: customer code & name, eeprom software and interface board
<i>Optional</i>	9839941	<i>GWII IP65</i>
	9842071	<i>GWII IP65 Stainless Steel</i>
	9836527	XS110 W <i>Inductive office programming device with integrated antenna</i>
		Technical features <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 150 x 82 x 45 mm • Protection: IP30 • Temperature range: 0...+40°C • Power supply : 9...15 VDC / 240 VAC net adapter included • Power consumption: 10 VA • Input: 2 • Output: 1 relays output, 3 status output • Interfaces: RS232 cable included • Protocol: DC2/DC4 • Order information: customer code & name and eeprom software




Industrial antennas

Product	Art. nr.	Description
	9818138	Antenna 350x160x20 Technical features <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 350 x 160 x 20 mm • Protection: IP65 • Temperature range: -10...+45°C • Connectivity: to all MEYLE RFID readers • Cabling: 5m RG58U Coaxial cable inc. • Detection range: up to 50 cm
	9843477	Antenna 350x80x20 Technical features <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 350 x 80 x 20 mm • Protection: IP65 • Temperature range: -10...+45°C • Connectivity: to all MEYLE RFID readers • Cabling: 5m RG58U Coaxial cable inc. • Detection range: up to 40 cm
	9807144	Antenna 200x80x20 Technical features <ul style="list-style-type: none"> • Operating frequency: 120/125 kHz • Dimensions: 200 x 80 x 20 mm • Protection: IP65 • Temperature range: -10...+45°C • Connectivity: to all MEYLE RFID readers • Cabling: 5m RG58U Coaxial cable inc. • Detection range: up to 30 cm
	9800239	Antenna round 19x45 Technical features <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 230 x 126 x 70 mm • Protection: IP65 • Temperature range: -10...+45°C • Connectivity: to all MEYLE RFID readers • Cabling: 5m RG58U Coaxial cable inc. • Detection range: up to 6 cm
	9837329	Antenna 170x85x20 <i>Programming antenna</i> Technical features <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 170 x 85 x 20 mm • Protection: IP65 • Temperature range: -10...+45°C • Connectivity: to GWII writer • Cabling: 5m RG58U Coaxial cable inc. • Detection range: up to 10 cm





Access control antenna

Product	Art. nr.	Description
	9867040	<p>DC190W</p> <p><i>Water resistant detection antenna for proximity applications</i></p>
		<p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 190 x 190 mm • Connectivity: to all MEYLE RFID readers • Cabling: 5m RG58U Coaxial cable inc. • Detection range: up to 35 cm • Protection: IP65

Antenna accessories




Product	Art. nr.	Description
	984350	<p>AB310</p> <p><i>Antenna adjustment to extend the cable distance with variable adjustment</i></p>
		<p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 36 x 98 x 64 mm • Connectivity: to all MEYLE RFID readers • Max. length between AB310 and antenna: 5 m • Max. length between AB310 and reader: 50 m • Protection: IP65
	9844368	<p>AB320</p> <p><i>Antenna adjustment box to extend the cable distance with fixed choice adjustment. Suitable for mounting in turbulent environments</i></p>
		<p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120/125 kHz • Dimensions: 36 x 98 x 64 mm • Connectivity: to all MEYLE RFID readers • Max. length between AB320 and antenna: 5 m • Max. length between AB320 and reader: 50 m • Protection: IP65
	9848207	<p>FS110</p> <p><i>Fieldstrength indicator tool to check tuning of antennas</i></p>
	9875395	<p>EW 120</p> <p><i>Single loop antenna adjustment box</i></p>
		<p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 185 x 105 x 60 mm • Connectivity: to all MEYLE RFID readers • Max. cable length: 3 m • Protection: IP55/65

Industrial RFID transponders

Product	Art. nr.	Description
	9872418	LR 12 R/O Technical features <ul style="list-style-type: none"> • Operating frequency : 120kHz • Dimensions: Ø 12 x 5 mm • Temperature range: -20..+90°C • Protection: IP67 • Detection range: up to 22 cm* • Order information: customer name & customer code
<i>Optional</i>	9872400 9872396	LR 12 R/W 6 LR 12 R/W 80 bits
	9844147	LR 22 R/O Technical features <ul style="list-style-type: none"> • Operating frequency : 120kHz • Dimensions: Ø 22 x 10 mm • Temperature range: -30..+80°C • Protection: IP67 • Detection range: up to 45 cm* • Order information: customer name & customer code
<i>Optional</i>	9844155 9844163	LR 22 R/W 6 LR 22 R/W 80 bits
	9868259	LR 22 R/O HT <i>Special High Temperature version</i> Technical features <ul style="list-style-type: none"> • Operating frequency : 120kHz • Dimensions: Ø 22 x 10 mm • Temperature range: -40..+110°C • Protection: IP68 • Detection range: up to 45 cm* • Order information: customer name & customer code
<i>Optional</i>	9868267 9864288	LR 22 HT R/W 6 LR 22 HT R/W 80 bits
	9872442	MR 25 R/O Technical features <ul style="list-style-type: none"> • Operating frequency : 125 kHz • Dimensions: Ø 25 x 1.5 mm • Temperature range: -10..+50°C • Protection: IP54 • Detection range: up to 35 cm* • Order information: customer code & customer name



* depending on used antenna

Industrial RFID transponders


Product	Art. nr.	Description
<i>Optional</i>	9872434 9872426	MR 25 R/W 6 MR 25 R/W 80 bits
	9872337	LR 40 R/O Technical features <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: Ø 40 x 8.5 mm • Temperature range: -30..+80°C • Protection: IP67 • Detection range: up to 70 cm* • Order information: customer code & customer name
<i>Optional</i>	9872329 9872728	LR 40 R/W 6 LR 40 R/W 80 bits
	9882006	LR 40 R/O HT <i>Special High Temperature version</i> Technical features <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: Ø 40 x 8.5 mm • Temperature range: -30..+110°C • Protection: IP68 • Detection range: up to 70 cm* • Order information: customer code & name
<i>Optional</i>	9882022 9882014	LR 40 HT R/W 6 LR 40 HT R/W 80 bits
	9842292	LR 85 R/O Technical features <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: Ø 85 x 13 mm • Temperature range: -20..+70°C • Protection: IP65 • Detection range: up to 120 cm* • Order information; customer code and customer name
<i>Optional</i>	9844082 9844104	LR 85 R/W 6 LR 85 R/W 80 bits

* depending on the applied antenna

Cards

Product	Art. nr.	Description
	9844066	<p>LCC card</p> <p><i>Hard plastic card suitable for industrial environments</i></p> <p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 85 x 54 x 2.6 mm • Temperature range: -10..+70°C • Detection range: up to 85 cm* • Order information: customer name & customer code
Optional	9844139 9844074	<p>LCC R/W 6 LCC R/W 80 bits</p>
		<p>ProXS HT card</p> <p><i>Proximity card characterised by a high temperature resistance suitable for permanent windshield mounting</i></p> <p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 85 x 54 x <0.9 mm • Temperature range: -20..+90°C • Detection range: 15..20 cm with dedicated handheld • Full colour printing on request possible at additional costs • Order information: customer name & customer code

Key fob

Product	Art. nr.	Description
	9864750	<p>TXS Key fob</p> <p><i>Compatible with Meyle cards and can be applied for driver identification in access control applications</i></p> <p>Technical features</p> <ul style="list-style-type: none"> • Operating frequency : 120 kHz • Dimensions: 55 x 40 x 3 mm (teardrop shape) • Temperature range: -20...70°C • Detection range: up to 20 cm* • Mounting method: on key ring • Customisation with corporate logo possible on request • Order information; customer code and customer name

* depending on the applied antenna