smart
GasDetection
Technologies

Accessories
Fixed Gas Detection Systems

Accessories
GMA22 Controller

NAME	DESCRIPTION	PART NUMBER
GMA200-DL	Data logger includes Micro SD-Card (2 GB)	2200201
	Memory Card (2 GB) for data storage	2200202
GMA200-Upgrade	Measuring point upgrade, per measuring point to add additional channel to GMA200 controller	2200209
GMA200-RT	Relay Module without Display, 16 Relays (change over contact)	2200040
GMA200-RTD	Relay Module with Display, 16 Relays (change over contact)	2200041
GMA200-RTW	GMA200 wall mounting frame to integrate 1 Relay Module includes Power supply DR 15-15W .63 A 24 VDC	2200042
GMA200-RTW	GMA200 wall mounting frame to integrate 1 Relay Module without Power supply, Voltage: 24 VDC	2200043

Accessories
GMA200 Controller Series

NAME	DESCRIPTION	PART NUMBER
GMA200-S	Control cabinet for inclusion of 19" chassis and control component includes 19" swing frame and socle, Dimensions: 2100 x 800 x 600mm (HxBxT)	2106020
GMA200-19"BGT	19" rack for installation of max. 2 GMA 200 Module with telescopic (extendable component) front	2200220
GMA200-BGT	Rack for switchboard or door installation, for 1 GMA200 module, includes lockable viewing hood	2200226
GMA200-BGT	Rack for switchboard or door installation, for 2 GMA200 module, includes lockable viewing hood	2200227
GMA200-S-PS	GMA200 Power supply, fitted and wired in control cabinet	2200221*
GMA200-S-TRM6	Controller GMA200-MT6, fitted in control cabinet and wired with transmitter connections into terminal block	2200222*
GMA200-S-TRM16	Controller GMA200-MT16, fitted in control cabinet and wired with transmitter connections into terminal block	2200223*
GMA200-S-REL8	Controller GMA200-MT6/16, Wiring of relays into terminal block	2200224*
GMA200-S-REL16	Relay module GMA200-RT/RTD, fitted in control cabinet and wiring of relays into terminal block	2200225*
	Technical documentation and engineering	**1000673***
GMA200 ModbusTCP	TCP / IP Module to integrate GMA200 into network, Data transfer GMA200-MODBUS (RS-485) to Ethernet	2200230
GMA200 Profibus	Profibus-Module to connect the GMA200 with Profibus DP, Data transfer GMA200-MODBUS (RS-485) to Profibus DP includes software license for one PC	2200231
GMA200-RT	Relays Module without Display, 16 Relays (change over contact)	2200040
GMA200-RTD	Relay Module with Display, 16 Relays (change over contact)	2200041
GMA200-RTW	GMA200 wall mounting frame to integrate 1 Relay Module includes Power supply DR 15-15W .63 A 24 VDC	2200042
GMA200-RTW	GMA200 wall mounting frame to integrate 1 Relay Module without Power supply, Voltage: 24 VDC, includes license for one PC.	2200043
GMA200-VS	Visual software for GMA-200-System for visualization of current measuring values and events	2200240

* Service

Accessories
GMA200 Controller Series

NAME	DESCRIPTION	PART NUMBER
GMA200-VSL	Software license for GMA-VS, license per further PC beyond initial GMA200-VS	2200241
GMA200-8" Display	8" TFT Display with touch screen for decentralized visualization of current measuring values and events includes visual software GMA200-VS - integrated in GMA200-MW16 box includes power supply 110 VAC (hardwired).	2200250
GMA200-8" Display	8" TFT Display with touch screen for decentralized visualization of current measuring values and events incl. visual software GMA200-VS - installation in control box, power supply: 24 VDC	2200251
GMA200-15" Display	15" TFT Display with touch screen for decentralized visualization of current measuring values and events includes visual software GMA200-VS - installation in control box, power supply: 24 VDC	2200252
GMA200-21,5" Display	21.5" TFT Display with touch screen for decentralized visualization of current measuring values and events includes visual software GMA200-VS - installation in control box, power supply: 24 VDC	2200253
BUS LD	Anti capacitance data cable for field bus systems, Type: BUS LD 1 x 2 x 0.22 mm²	2000632

Accessories
GMA200-MGSS Controller

NAME	DESCRIPTION	PART NUMBER
	Flame arrester, Type FA30, EC Type Examination Certificates: IBExU 11 ATEX 2110 X, Material: stainless steel includes compression fitting 6/4x1 mm	2203051
	Condensate trap with filter element and water filter, to remove condensate and dust	2203052
	Cooling coil, to cool the gas	2203053

Accessories
GMA200-MW4 Controller

NAME	DESCRIPTION	PART NUMBER
GMA200-UPS1	Uninterruptible voltage feed Power Supply installed in a GMA200-MW16 wall mounting housing with 50W Power Supply, Back up time: 1 h by max. 1.8A	2200210
GMA200-UPS2	Uninterruptible voltage feed Power Supply installed in a GMA200-MW16 wall mounting housing with 50W Power Supply, Back up time: 3 h by max. 1.8A	2200211
GMA200-DL	Data Logger includes Micro SD-Card (2 GB)	2200201
	Memory Card (2 GB) for data storage	2200202
GMA200-Upgrade	Measuring point upgrade, per measuring point to add additional channel to GMA200 controller	2200209

Accessories
GMA200-MW16 Controller

NAME	DESCRIPTION	PART NUMBER
GMA200-PS2	Redundant Power Supply for GMA200-MW, 2 power supplies, a. 100W	2200205
GMA200-PS3	100W Power Supply includes uninteruptible power supply (back up time depends on kind and number of transmitters)	2200206
GMA200-UPS1	Uninterruptible voltage feed Power Supply installed in a GMA200-MW16 wall mounting housing with 50W Power Supply, Back up time: 1 h by max. 1.8A	2200210
GMA200-UPS2	Uninterruptible voltage feed Power Supply installed in a GMA200-MW16 wall mounting housing with 50W Power Supply, Back up time: 3 h by max. 1.8A	2200211
GMA200-DL	Data Logger includes Micro SD-Card (2 GB)	2200201
	Memory Card (2 GB) for data storage	2200202
GMA200-Upgrade	Measuring point upgrade, per measuring point to add additional channel to GMA200 controller	2200209

Accessories
GMA200-RT/RTD Controller

NAME	DESCRIPTION	PART NUMBER
GMA200-RTW	GMA200 wall mounting frame to integrate 1 Relay Module includes Power supply DR 15-15W .63 A 24 VDC	2200042
GMA200-RTW	GMA200 wall mounting frame to integrate 1 Relay Module without Power supply, Voltage: 24 VDC	2200043
GMA200-BC	3 pin bus connector with screw-type terminals, for digital bus (RS485), 1 pair	2200200
Power supply DR-15	Power supply for DIN-Rail mounting 24 VDC, 0.63A, 15W (only supports external Relay Module RT/RTD)	1000270
Power supply DR-30	Power supply for DIN-Rail mounting, 24 VDC, 1.5A, 36W	1000271
Power supply DR-60	Power supply for DIN-Rail mounting, 24 VDC, 2.5A, 60W	1000272
Power supply DR-100	Power supply for DIN-Rail mounting, 24 VDC, 4.2A, 100W	1000273

Accessories
CC28 Transmitter

DESCRIPTION	PART NUMBER
Remote Control RC2, for calibration of blind transmitters, includes 6ft connection cable	2800201
Flow adapter	2800202
Flow adapter includes fixing screw	2800203
Wind shield, remote test adapter with straight hose fitting	2800204
Wind shield, remote test adapter with 90° offset Serto-compression fitting	2800206
Welding flange includes 3 fixing screws	2800205
Weatherproof housing for 21 and 28 series transmitters, material: stainless steel	2000214
Mounting bracket for ceiling mounting, material: aluminum	2800207
Connection cable for remote control RC2, length: 6 ft	2800210
Connection cable for remote control RC2, length: 16 ft	2800211
Connection cable for remote control RC2, length: 8m	2800212
Connection cable for remote control RC2, length: 33 ft	2800213

Accessories
CC33 Transmitter

DESCRIPTION	PART NUMBER
Cable gland for 33 series transmitters, aluminium housing, Version for cable without shielding	3300200
Cable gland for 33 series transmitters, aluminium housing, Version for cable with shielding	3300201
Cable gland for 33 series transmitters,, stainless steel housing, Version for cable without shielding	3300202
Cable gland for 33 series transmitters, stainless steel housing, Version for cable with shielding	3300203
Sealing plug for 33 series transmitters, aluminium housing	3300204
Sealing plug for 33 series transmitters, stainless steel housing	3300205
Horn for C33 transmitter series	3300206
Magnetic rod for 33 series transmitters, aluminium housing	3300207
Magnetic rod for 33 series transmitters, stainless steel housing	3300208
Flow adapter for 33 series transmitters	2800202

Accessories
EC28 Transmitter

DESCRIPTION	PART NUMBER
Remote Control RC2, for calibration of blind transmitters includes 6 ft connection cable	2800201
Calibration adapter for non reactive gases, for e.g. O_2, CO, H_2	2810202
Flow adapter for non-reactive gases, for e.g.: O_2, CO, H_2, Material: POM with tube nipple	2810203
Flow adapter for reactive and highly reactive gases for e.g.: H_2S, HCl, HCN, NH_3, Cl_2, SO_2, NO, NO_2, Material: PTFE with fitting	2810204
Welding flange	2810205
Connection cable for Remote Control RC2, length: 6 ft	2800210
Connection cable for Remote Control RC2, length: 16 ft	2800211
Connection cable for Remote Control RC2, length: 8m	2800212
Connection cable for Remote Control RC2, length: 33 ft	2800213

EC28 i / Di Transmitter

DESCRIPTION	PART NUMBER
Safety barrier for DIN-Rail mounting	2810211
Remote Control RC2, includes 6 ft connection cable	2800201
Calibration adapter for non reactive gases, for e.g. O_2, CO, H_2	2810202
Flow adapter for non-reactive gases, for e.g.: O_2, CO, H_2, Material: POM with tube nipple	2810203
Flow adapter for reactive and highly reactive gases for e.g.: H_2S, HCl, HCN, NH_3, Cl_2, SO_2, NO, NO_2, Material: PTFE with fitting	2810204
Welding flange	2810205
Connection cable for Remote Control RC2, length: 6 ft	2800210
Connection cable for Remote Control RC2, length: 16 ft	2800211
Connection cablefor Remote Control RC2, length: 8m	2800212
Connection cable for Remote Control RC2, length: 33 ft	2800213

Accessories
IR22 Transmitter

DESCRIPTION	PART NUMBER
Flow adapter for Transmitter CS22, CC22, ZD22, EC22 O	2220200
Test cable with service connector plug for 22 series transmitters	2220201
Weatherproof housing for 22 series transmitters	2220202
Remote Control RC22 for Transmitter EC22, ZD22, CS22, CC22, IR22	2220203

Accessories
IR22 F Transmitter

DESCRIPTION	PART NUMBER
Flow adapter for Transmitter CS22, CC22, ZD22, EC22 O	2220200
Test cable with service connector plug for 22 series transmitters	2220201
Weatherproof housing for Transmitter EC22, ZD22, CS22, CC22, IR22	2220202
Remote Control RC22 for Transmitter EC22, ZD22, CS22, CC22, IR22	2220203

Accessories
IR29 Transmitter

DESCRIPTION	PART NUMBER
Diffusion cover for adjusting of IR29 Transmitter, material: Viton	2910220
Flow adapter (HC) for gas feeding by pump, for HC-Transmitter material: stainless steel	2910221
Flow adapter (CO_2) for gas feeding by pump, for CO_2-Transmitter, material: stainless steel	2910223
Infrared remote control for IR29 Transmitter	2910230
Remote Control RC2, for calibration of blind transmitters, 6 ft connection cable included	2800201
Connection cable for RC2, length 6 ft	2800210
Connection cable for RC2, length 16 ft	2800211
Connection cable for RC2, length 8m	2800212
Connection cable for RC2, length 33 ft	2800213
Weatherproof housing for IR29 Transmitter, material: stainless steel	2910222

Accessories
IR29 i / Di Transmitter

DESCRIPTION	PART NUMBER
Two channel safety barrier SB1 for IR29 Transmitter, integrated in a wall mounting case (IP65)	2910210
Diffusion cover for adjusting of IR29 Transmitter, material: Viton	2910220
Flow adapter (HC) for gas feeding by pump, for HC-Transmitter material: stainless steel	2910221
Flow adapter (CO_2) for gas feeding by pump, for CO_2-Transmitter, material: stainless steel	2910223
Infrared remote control for IR29 Transmitter	2910230
Remote Control RC2, for calibration of blind transmitters, 6 ft connection cable included	2800201
Connection cable for RC2, length 6 ft	2800210
Connection cable for RC2, length 16 ft	2800211
Connection cable for RC2, length 8m	2800212
Connection cable for RC2, length 33 ft	2800213
Weatherproof housing for IR29 Transmitter, material: stainless steel	2910222