PrimaX Series

ATO A_PRIMAX-

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬

Option	Code	Description
Gas Transmitter		
①	I	PrimaX I Housing option: PM
	P	PrimaX P Housing option: AM & AN
	IR	PrimaX IR Housing option: AM, AN, SM, SN
	* PrimaX I: 2wire transmitter/ PrimaX P: 3wire & 4wire	
Housing Options		
②	PM	PrimaX I Plastic M25
	AM	PrimaX P & IR Alum. M25
	AN	PrimaX P & IR Alum. NPT
	SM	PrimaX IR St. steel M25
	SN	PrimaX IR St. steel NPT
Approval		
③	ATEX	ATEX
	GP	General Purpose Primax I only
	RUS	Russia
	KAZ	Kazakhstan
Output Option		
④	1	4–20mA — XI & XP
	2	4–20mA + HART — XI (not GP), XP & XIR
	3	4–20mA + HART + Relay — XP only
	4	4–20mA + HART + Relay (isol.) — XP only
Gas Selection		
⑤	1	Standard
	2	Rare
	3	Exotic
Measuring Range (See gas code chart)		
⑥	P1D	1 ppm
	P5	5 ppm
	P10	10 ppm
	P10D	10 ppm default *
	P20	20 ppm
	P30D	30 ppm default *
	P50	50 ppm
	P50D	50 ppm default *
	P100	100 ppm
	P100D	100 ppm default *
	P200D	200 ppm default*
	P500	500 ppm
	P500D	500 ppm default *
	P1000	100 ppm
	P1000D	1000 ppm default *
	U50	0-50% LEL
	U70	0-70% LEL
	U100	0-100% LEL
	V10	0-10% vol
	V25D	25% vol *
Calibration cert. Lang.		
⑦	C	Customer options
	BG	Bulgarian
	CZ	Czech
	DE	German
	EN	English
	ES	Spanish
	FR	French
	IT	Italian
	NL	Dutch
	PL	Polish
	RO	Romanian
	RU	Russian

To select only, if under 4:
Output option, 3 (Relay) or 4 (Relay isol.) has been chosen

Normally energised alarm relay		
⑧	Y	Yes
	N	No
Latch alarm relay		
⑨	Y	Yes
	N	No
Alarm delay time		
⑩	Y	Yes
	N	No

Option	Code	Description	List Price GBP
		Normally energised failure relay	
11	Y	Yes	
	N	No	
		Failure delay time	
12	Y	Yes	
	N	No	
		Disable loop warning	
13	Y	Yes	
	N	No	

Please note that there are restrictions to the options.

Gas code selection PrimaX

Code	Gas	Formula	Category	PrimaX I	PrimaX P	PrimaX IR
A01	Acetaldehyde	C_2H_4O	Exotic		0–100 % LEL	
A02	Acetic acid	$C_2H_4O_2$	Exotic		0–100 % LEL	
A03	Acetic anhydride	$(CH_3CO)_2O$	Exotic		0–100 % LEL	
A04	Acetone	C_3H_6O	rare		0–100 % LEL	0–100 % LEL
A05	Acetylene	C_2H_2	Exotic		0–100 % LEL	
A06	Acrylonnitrile	C_3H_3N	Exotic		0–100 % LEL	
A07	Allyl Alcohol	C_3H_6O	Exotic		0–100 % LEL	0–100 % LEL
B01	1.3-Butadiene	C_4H_6	Exotic		0–100 % LEL	0–100 % LEL
B02	1-Butylene	C_4H_8	Exotic		0–100 % LEL	
B03	2-Butanone	C_4H_8O	Exotic		0–100 % LEL	
B04	Benzene	C_6H_6	Exotic		0–100 % LEL	
B05	Butylbenzene	$C_{10}H_{14}$	Exotic		0–100 % LEL	
B06	i-Butane	$(CH_3)_3CH$	rare		0–100 % LEL	
B07	i-Butylacetate	$C_6H_{12}O$	Exotic		0–100 % LEL	
B08	i-Butylene	C_4H_8	Exotic		0–100 % LEL	
B09	n-Butane	C_4H_{10}	rare		0–100 % LEL	0–100 % LEL
B10	n-Butanol (Butylalcohol)	$C_4H_{10}O_2$	Exotic		0–100 % LEL	
B11	n-Butylacetate	$C_4H_{12}O$	Exotic		0–100 % LEL	0–100 % LEL
C01	Chlorine	Cl_2	standard	5 ppm 10 ppm	5 ppm 10 ppm	
C99	Carbon Monoxide	CO	standard	100 ppm 200 ppm 500 ppm 1000 ppm	100 ppm 200 ppm 500 ppm 1000 ppm	
C03	Cyclohexane	C_6H_{12}	rare		0–100 % LEL	
C04	Cyclopentane	C_5H_{10}	rare		0–100 % LEL	0–100 % LEL
D01	1.4-Dioxane	$C_4H_8O_2$	Exotic		0–100 % LEL	
D02	Diethyl Ether	$C_4H_{10}O$	Exotic		0–100 % LEL	0–70 % LEL
E01	1-Ethoxy-2 propanol	$C_5H_{12}O_2$	Exotic		0–100 % LEL	
E02	Ethane	C_2H_6	rare		0–100 % LEL	0–100 % LEL
E03	Ethanol	C_2H_6O	rare		0–100 % LEL	0–100 % LEL
E04	Ethene	C_2H_4	rare		0–100 % LEL	
E05	Ethyl benzene	C_8H_{10}	Exotic		0–100 % LEL	
E06	Ethyl Acetate	$C_4H_8O_2$	Exotic		0–100 % LEL	0–100 % LEL
E07	Ethyl acrylate	$C_5H_8O_2$	Exotic		0–100 % LEL	
E08	Ethylene	$C_4H_8O_2$	standard			0–100 % LEL
E09	Etylen oxide	C_2H_4O	rare		0–100 % LEL	
G01	Gasoline 65/95		Exotic		0–100 % LEL	0–70 % LEL
H01	Hydrogen	H_2	standard	1000 ppm	1000 ppm	
H02	Hydrogen Sulphide	H_2S	standard	10 ppm 20 ppm 50 ppm 100 ppm	10 ppm 20 ppm 50 ppm 100 ppm	
H03	Hydrochloric Acid	HCl	rare	10 ppm 20 ppm 30 ppm	10 ppm 20 ppm 30 ppm	
H04	Hydrogen Cyanide	HCN	rare	10 ppm 20 ppm 30 ppm 50 ppm	10 ppm 20 ppm 30 ppm 50 ppm	
H05	Heptane	C_7H_{16}	standard			0–100 % LEL
H06	Hydrogen	H_2	standard		0–100 % LEL	
H07	n-Heptane	C_7H_{16}	standard		0–100 % LEL	
H08	n-Hexane	C_6H_{14}	standard		0–100 % LEL	0–100 % LEL

Code	Gas	Formula	Category	PrimaX I	PrimaX P	PrimaX IR
I01	Isobutane	$(CH_3)_3CH$	Exotic			0–70 % LEL
I02	Isobutylacetate	$C_6H_{12}O_2$	Exotic			0–100 % LEL
I03	Isopropanol	C_3H_8O	Exotic			0–100 % LEL
M01	MEK	C_4H_8O	Exotic			0–70 % LEL
M03	Methane (4.4)	CH_4	standard		0–100 % LEL	0–100 % LEL
M04	Methane (5.0)	CH_4	rare		0–100 % LEL	0–100 % LEL
M05	Methanol	CH_4O	Exotic		0–100 % LEL	0–70 % LEL
M06	Methyl tert-butylether	$C_5H_{12}O$	Exotic		0–100 % LEL	
M07	Isobutylmethylketon (MIBK)		Exotic			0–100 % LEL
N02	Ammonia		standard	50 ppm 100 ppm	50 ppm 100 ppm	
N03	NH_3 (HC)	NH_3	rare	500 ppm 1000 ppm	500 ppm 1000 ppm 0–100 % LEL	
N04	n-Nonane	C_9H_{20}	rare		0–100 % LEL	
N05	Nitrogen monoxide	NO	rare	100 ppm 10 ppm 20 ppm	100 ppm 10 ppm 20 ppm	
N06	Nitrogen dioxide	NO_2	rare	100 ppm	100 ppm	
N07	Nonane	C_9H_{20}	rare			0–100 % LEL
O01	Oxygen	O_2	standard	10 vol. % 25 vol. %	10 vol. % 25 vol. %	
P01	1-Propanol	C_3H_8O	Exotic		0–100 % LEL	
P02	2-Propanol	C_3H_8O	Exotic		0–100 % LEL	
P03	n-Pentane	C_5H_{12}	Exotic		0–100 % LEL	0–100 % LEL
P05	Propane (1.7)	C_3H_8	standard		0–100 % LEL	0–100 % LEL
P06	Propane (2.1)	C_3H_8	rare		0–100 % LEL	0–100 % LEL
P07	Propene	C_3H_6	Exotic		0–100 % LEL	
P08	Propylene	C_3H_6	rare			0–100 % LEL
P09	Propylene Oxide	C_3H_6O	Exotic		0–100 % LEL	0–100 % LEL
S01	Sulphur Dioxide	SO_2	standard	10 ppm 50 ppm 100 ppm	10 ppm 50 ppm 100 ppm	
T01	Toluene	C_7H_8	rare		0–100 % LEL	0–50 % LEL
V01	Vinyl chloride	C_2H_3Cl	Exotic		0–100 % LEL	
X01	Xylene	C_8H_{10}	Exotic		0–100 % LEL	0–100 % LEL