

# Appendix D – Error messages

## D.1. PDE calculator error messages

Code	Description
StoP	Maximum time without fuelling exceeded (60 sec.)
P1	Fuelling on pump 1 is locked by user (credit unit)
P2	Fuelling on pump 2 is locked by user (credit unit)
P3	Fuelling on pump 3 is locked by user (credit unit)
P4	Fuelling on pump 4 is locked by user (credit unit)
E 1	Display error
E 2	Display error
E 5	Display error
E 6	Electromechanical totalizer error
E 7	Memory error
E 8	Memory error
E 9	Processor error
E 10	Temperature sensor error
E11	Data Error
E12	Memory error
E13	EPROM CRC error
E15	Maximum time of fuelling exceeded
E16	Error of Communication with unit PDECRE
E17	Communication error with POS
E18	Communication error with POS
E19	Low voltage (< 180V)
E20	Interruption of the fuelling due to power off
E21	Preselected amount/volume is zero
E22	Data initialization
E23	Memory error
E24	Memory error
E25	Electronic totalizer error
E26	TOTAL STOP button
E29	Invalid manager password

Code	Description
E30	Product unit price is zero
E31	Pulse channel error ( pulser 1A)
E32	Pulse channel error ( pulser 2A)
E33	Pulse channel error ( pulser 3A)
E34	Pulse channel error ( pulser 4A)
E36	Pulse channel error ( pulser 1B)
E37	Pulse channel error ( pulser 2B)
E38	Pulse channel error ( pulser 3B)
E39	Pulse channel error ( pulser 4B)
E41	Pulser power error ( pulser1A)
E42	Pulser power error ( pulser2A)
E43	Pulser power error ( pulser3A)
E44	Pulser power error ( pulser4A)
E46	Pulser power error ( pulser1B)
E47	Pulser power error ( pulser2B)
E48	Pulser power error ( pulser3B)
E49	Pulser power error ( pulser4B)
E51	Preselection exceeded , slow down valve error (1A)
E52	Preselection exceeded , slow down valve error (2A)
E53	Preselection exceeded , slow down valve error (3A)
E54	Preselection exceeded , slow down valve error (4A)
E56	Preselection exceeded , slow down valve error (1B)
E57	Preselection exceeded , slow down valve error (2B)
E58	Preselection exceeded , slow down valve error (3B)
E59	Preselection exceeded , slow down valve error (4B)

## D.2. Error messages of the calculators ADP & ADPMPD

Code	Description
F010	POS communication error
F020	STOP from POS
F021	pulse channel error
F023	pulse channel missing
F024	pulse channel - short circuit
F025	maximum time for fuelling exceeded
F026	maximum time without pulse exceeded
E027	max time for POS preselection exceeded
E028	max time for keyb. preselection exceeded
E029	maximum fuelled volume exceeded
F030	unit price is zero
F031	undefined product
F032	preselected value is zero
F040	power off
F041	max. totalizer frequency exceeded
F042	EEPROM write error
F043	EEPROM CRC error
F044	EEPROM data error
F045	Data version error
F047	non-correct function after power on
F049	non-correct function after power on
F050	parameters CRC error
F051	unit price CRC error

Code	Description
F052	CRC error - 9,10,20,21,22,23
F053	parameters CRC error
F054	parameters CRC error ADP2
F055	internal data error
F056	calibration data error
F057	EEPROM calibration data error
F058	temperature calibration data error
F059	vapour recovery data error
F060	vapour recovery data CRC error
F061	Missing ATC data in EEPROM
F063	CRC error EEPROM for PINs
F064	PIN attempts exceeded
F065	unit price PIN attempts exceeded
F066	main display A error
F067	slave display A error
F068	main display B error
F069	slave display B error
F070	CRC error of main display A
F072	CRC error of main display B
F097	display data structure error
F098	CRC data display error
F099	display communication error

### D.3. Error messages of the calculators Puma HT-TE & MPD

Code	Device	Description
<b>FATAL ERRORS – P</b>		
P10	RAM	RAM error during test
P14	Parameters	Parameters CRC is valid
P25	EEPROM	Data saved in EEPROM are lost
P16	EEPROM	EEPROM failure
P22	Totalizers	Maximum totalizator frequency is exceeded
P30	CPU	Processor error
P33	EEPROM	EEPROM data saving error
P35	Pulse generator	Maximum pulse frequency exceeded
P40	Power supply	Power off
P41	Unit price	Unit price is zero
P42	Pulse generator	Pulse generator power supply error
P43	Minimum tank level	Fuel tank product level is low
<b>NONFATAL ERRORS – E</b>		
E70	Display	Display error
E71	Pulse generator	Pulse channel error
E72	Pulse generator	Pulse channel - short circuit - error
E73	Pulse generator	Pulse non-correct direction revolution error
E77	Hydraulic system	Hydraulic system leakage error
P20	Communication	Communication error - missing connection with POS
P80	Communication	Communication error - non correct polling

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