

PIA4800 series List of Message

Applicability: The 1 through 3 as indicated follows are used in combination with the DC power supply with analog remote control function and the control board.

OP01-PIA (1) /OP01-PIA+SH SERIES (2) /OP02-PIA (3)

PAM (4) /PAS (5) /PMR (6) /PWR (7)

✓: Available, No mark: Not available

R/W: Query message (R) / Command message (W)

Message	Data	Description	Applicability							R/W
			1	2	3	4	5	6	7	
*CLS	-	Reset registers.	✓	✓	✓	✓	✓	✓	✓	W
*IDN	-	Return the Model Name of the controller.	✓	✓	✓	✓	✓	✓	✓	R
*RST	-	Set or reset the fault unmask register.	✓	✓	✓	✓	✓	✓	✓	W
*SRE	0 to 255	Set or reset the service request enable register. (Equivalent to UNMASK)	✓	✓	✓	✓	✓	✓	✓	R/W
*STB	-	Return the contents of the status byte register.	✓	✓	✓	✓	✓	✓	✓	R
CH	1 to 4	Specify a channel.	✓	✓	✓			✓		R/W
CLR	-	Clear the input buffer and wait for a message. (Equivalent to DCL and SDC)	✓	✓	✓	✓	✓	✓	✓	W
DELIMITER	0 to 3	Specify a response message terminator. (Equivalent to TRM)	✓	✓	✓	✓	✓	✓	✓	R/W
DIN	-	Return the port value of the digital control input.	✓	✓						R
DISP	1 to 4	Specify the output which displays on the panel.						✓		W
DSET	0 to 127	Set the value output to the digital control output port.	✓	✓						W
ERR	-	Return the contents of the error register.	✓	✓	✓	✓	✓	✓	✓	R
FAU	-	Return the contents of the fault register.	✓	✓	✓	✓	✓	✓	✓	R
FUNMASK	0 to 255	Set or reset the fault unmask register.	✓	✓	✓	✓	✓	✓	✓	R/W
HEAD	0 or 1	Specify a header and a unit.	✓	✓	✓	✓	✓	✓	✓	R/W
IOUT	-	Return the monitored value of the output current.	✓*1	✓*1		✓	✓	✓	✓	R
ISSET	Depends on device.	Set an output current.	✓*1	✓*1	✓*1	✓	✓	✓	✓	R/W*2
LOCK	0 or 1	Set to valid or invalid of the panel operation.				✓	✓	✓	✓	W
NODE	1 to 36	Specify the node address.	✓	✓	✓	✓	✓	✓	✓	R/W
OCSET	Depends on device.	Set OCP for a currently effective device.					✓		✓	R/W
OUT	0 or 1	Turn ON/OFF the output of a currently effective device.	✓*3	✓*3	✓*3	✓	✓	✓	✓	W
OVSET	Depends on device.	Set OVP for a currently effective device.	✓	✓			✓		✓	R/W*4
POUT	-	Return the monitored value of the output power.							✓	R
POW	0 or 1	Cut off power to a currently effective device.	✓	✓			✓		✓	W
REM	0 or 1	Set REMOTE/LOCAL for a currently effective device.	✓*5	✓*5						W
SILENT	0 or 1	Switch acknowledgement messages when using RS-232C.	✓	✓	✓	✓	✓	✓	✓	R/W
STS	-	Return the contents of the status register.	✓	✓	✓					R
TRM	-	Specify a response message terminator. (Equivalent to DELIMITER)	✓	✓	✓	✓	✓	✓	✓	R/W
UNMASK	0 to 255	Set or reset the service request enable register. (Equivalent to *SRE)	✓	✓	✓	✓	✓	✓	✓	R/W
VOUT	-	Return a set value of the output voltage.	✓*1	✓*1		✓	✓	✓	✓	R
VSET	Depends on device.	Set the output voltage.	✓	✓	✓	✓	✓	✓	✓	R/W*2

*1: Excluding the PLZ series.

*2: The Query is invalid for the DC power supply with analog remote control function, the PMR series or the PAM series.

*3: Excluding the PAK-A series, the PLZ-W2 series, the PLZ152WA, the PVS series or the PVD-T series.

*4: The Query is invalid for the DC power supply with analog remote control function.

*5: Only the PAK-A series.