









ULTI009 - PLC I/O LIST  
COUNT 6 PER UNIT

- AI : Analog Input
- AO : Analog Output
- H : Hardware
- S : Serial
- DI : Digital Input
- DO : Digital Output
- DC : Data Control Center
- MCC : Motor Control Center
- PLC : Local Control Station
- PCP : Programmable Logic Controller

This I/O list is a document containing list of instrumentation which serve as input or output of control system.

TAG	SERVICE	PID DWG No.	TYPE	FROM	TO	DESCRIPTION	Card Type: Digital / Analog I/O	Engineering units	LOCATION	# No.	SIGNAL CATEGORY	SIGNAL	RELAY OUTPUT/POWER SUPPLY	TYPE	SERIAL	6/INS	RACK	SLOT	CHANNEL
PTI-61182	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COALESCER ELEMENT OUTLET PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02A	AI	4-20mA	PW400	H	S	ES	2	8	0
PTI-61183	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	OIL FILTER SUPPLY PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02A	AI	4-20mA	PW400	H	S	ES	2	8	1
PTI-61184	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -A- OIL SUPPLY PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02A	AI	4-20mA	PW400	H	S	ES	2	8	2
PTI-61185	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -A- SUCTION PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02A	AI	4-20mA	PW400	H	S	ES	2	8	3
PTI-61186	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -A- DISCHARGE PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02A	AI	4-20mA	PW400	H	S	ES	2	8	4
TI-61187	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	OIL SEPARATOR TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	8	5
TI-61188	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -ASUCTION TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	8	6
TI-61189	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -ASUCTION TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02B	AI	4-20mA	PW400	H	S	ES	2	9	0
TI-61190	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR DISCHARGE TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02B	AI	4-20mA	PW400	H	S	ES	2	9	1
TI-61191	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -B- OIL SUPPLY PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02B	AI	4-20mA	PW400	H	S	ES	2	9	2
TI-61192	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -B- SUCTION PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02B	AI	4-20mA	PW400	H	S	ES	2	9	3
TI-61193	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -B- DISCHARGE PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-02B	AI	4-20mA	PW400	H	S	ES	2	9	4
TI-61194	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	SPARE	Card Type: Analog I/O		COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	9	5
TI-61195	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -ASUCTION TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02B	AI	4-20mA	PW400	H	S	ES	2	9	6
TI-61196	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR DISCHARGE TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	9	7
TI-61197	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	OIL SUPPLY TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	10	0
TI-61198	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -B- CASING VIBRATION	Card Type: Analog I/O	G	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	10	1
TI-61199	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -B- CASING VIBRATION	Card Type: Analog I/O	G	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	10	2
TI-61200	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	OIL SEPARATOR LEVEL	Card Type: Analog I/O		COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	10	3
TI-61201	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	SPARE	Card Type: Analog I/O		COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	10	4
TI-61202	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR -A- SLIDE VALVE POSITION	Card Type: Analog I/O	%	COMP SKID	JB-6101-02	AI	4-20mA	PW400	H	S	ES	2	10	5
TI-61203	Propylene	VD-GFPC-MA-3029-0016	FOAT/REAL	FIELD	UCP-6102	COMPRESSOR -B- SLIDE VALVE POSITION	Card Type: Analog I/O	%	COMP SKID	JB-6101-03	AI	4-20mA	PW400	H	S	ES	2	10	6
TI-61204	Propylene	VD-GFPC-MA-3029-0014	FOAT/REAL	FIELD	UCP-6100	CHILLER OUTLET TEMPERATURE	Card Type: Analog I/O	%	VESSELS SKID	JB-6101-04	AI	4-20mA	PW400	H	S	ES	2	11	0
TI-61205	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	CHILLER LEVEL	Card Type: Analog I/O	%	VESSELS SKID	JB-6101-04	AI	4-20mA	PW400	H	S	ES	2	11	1
TI-61206	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	SPARE	Card Type: Analog I/O		VESSELS SKID	JB-6101-04	AI	4-20mA	PW400	H	S	ES	2	11	2
TI-61207	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	ECONOMIZER TUBE SIDE PRESSURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-04	AI	4-20mA	PW400	H	S	ES	2	11	3
TI-61208	Propylene	VD-GFPC-MA-3029-0016	FOAT/REAL	FIELD	UCP-6102	ECONOMIZER TUBE SIDE TEMPERATURE	Card Type: Analog I/O	Bar	COMP SKID	JB-6101-04	AI	4-20mA	PW400	H	S	ES	2	11	4
TI-61209	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	PLC	UNIT CONTROL PANEL TEMPERATURE	Card Type: Analog I/O	C	COMP SKID	UCP-6101	AI	4-20mA	PW400	H	S	NIS	2	11	5
TI-61210	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	PLC	SPARE	Card Type: Analog I/O		COMP SKID	UCP-6101	AI	4-20mA	PW400	H	S	NIS	2	11	6
TI-61211	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR MOTOR -A- BEARING TEMP DE	Card Type: Analog I/O	C	COMP SKID	UCP-6101	AI	4-20mA	PW400	H	S	ES	2	12	0
TI-61212	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR MOTOR -A- BEARING TEMP DE	Card Type: Analog I/O	C	COMP A- SKID	MOTOR JB	AI	4-20mA	PW400	H	S	ES	2	12	1
TI-61213	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR MOTOR -A- BEARING TEMP DE	Card Type: Analog I/O	C	COMP B- SKID	MOTOR JB	AI	4-20mA	PW400	H	S	ES	2	12	2
TI-61214	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	COMPRESSOR MOTOR -A- BEARING TEMP DE	Card Type: Analog I/O	C	COMP B- SKID	MOTOR JB	AI	4-20mA	PW400	H	S	ES	2	12	3
TI-61215	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	SPARE	Card Type: Analog I/O		COMP B- SKID	MOTOR JB	AI	4-20mA	PW400	H	S	ES	2	12	4
TI-61216	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	MCC	UCP-6101	COMPRESSOR -A- MOTOR CURRENT	Card Type: Analog I/O	AMPS	MCC	UCP-6101	AI	4-20mA	PW400	H	S	ES	2	12	5
TI-61217	Propylene	VD-GFPC-MA-3029-0016	FOAT/REAL	MCC	UCP-6102	COMPRESSOR -B- MOTOR CURRENT	Card Type: Analog I/O	AMPS	MCC	UCP-6102	AI	4-20mA	PW400	H	S	ES	2	12	6
TI-61218	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	HOT GAS BYPASS CONTROL VALVE	Card Type: Analog I/O	%	VESSELS SKID	JB-6101-04	AO	4-20 mA	-	H	S	ES	2	13	0
TI-61219	Propylene	VD-GFPC-MA-3029-0015	FOAT/REAL	FIELD	UCP-6101	CHILLER LEVEL CONTROL VALVE	Card Type: Analog I/O	%	VESSELS SKID	JB-6101-04	AO	4-20 mA	-	H	S	ES	2	13	1
TI-61220	Propylene	VD-GFPC-MA-3029-0016	FOAT/REAL	FIELD	UCP-6102	CHILLER LEVEL CONTROL VALVE	Card Type: Analog I/O	%	VESSELS SKID	JB-6101-04	AO	4-20 mA	-	H	S	ES	2	13	2
TI-61221	Propylene	VD-GFPC-MA-3029-0016	FOAT/REAL	FIELD	UCP-6102	SPARE	Card Type: Analog I/O		VESSELS SKID	JB-6101-04	AO	4-20 mA	-	H	S	ES	2	13	3