



LIDCO, Pars SEE Zone, Assaluyeh,
Integrated Methanol and Ammonia
Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT



Instrument Cable schedule

Document No. 17735-52

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**Airpack B.V. - Air Compressor –
Integrated Methanol and Ammonia Plant
17735-COM Instrument Cable schedule (K020)**

code-2
M. Vakili

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
02	15-02-2024	Issued for Approval	A.Z.	S.K.	J.J.
01	13-12-2023	Issued for Approval	A.Z.	S.K.	J.J.

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This document should be updated as per latest comment on wiring diagram LCP and JB document.

cable type to be 20C1.501ARGYN

cable type to be 4C1.501ASRDN

SI	LOCATION	FROM BOARD / INSTRUMENT	GLAND SIZE	CABLE NAME	TO BOARD / INSTRUMENT	TERM. STRIP	TERMINAL	GLAND SIZE	LOCATION	CABLE	CABLE CODE	FUNCTION	SCOPE
1	300LP-820												
2	CUSTOMER	CUSTOMER	N/A	300CDN820	300LP-820	300DD820	1-20	M25	FIELD	20Cx1,5	20-P-1,5mm ² -00-A-R-GY-N	GENERATOR MULTIPAIR CABLE PUSHBUTTONS / LAMPS FROM CUSTOMER	CUSTOMER
3	CUSTOMER	CUSTOMER	N/A	320CED820	300LP-820	300TED820	1-4	M20	FIELD	4Cx1,5	04-C-1,5mm ² -00-A-R-GY-N	GENERATOR MULTIPAIR CABLE ESD BUTTON FROM CUSTOMER	CUSTOMER
4	300IDAN-820												
5	CUSTOMER	CUSTOMER	N/A	320CDAN820	300IDAN-820	300TDA820 300TDA821	1-48 1-10	M40	FIELD	19x2x0,75	19-P-0,75mm ² -11-A-R-GY-N	GENERATOR MULTIPAIR CABLE TRANSMITTER FROM CUSTOMER	CUSTOMER
6	FIELD	320PT-8201	M20	320PT-8201	300IDAN-820	300TDA820	1-3	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	PACKAGE INLET PRESSURE TRANSMITTER	AIRPACK
7	FIELD	320PT-8202	M20	320PT-8202	300IDAN-820	300TDA820	4-6	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	2ND STAGE SUCTION PRESSURE TRANSMITTER	AIRPACK
8	FIELD	320PT-8203	M20	320PT-8203	300IDAN-820	300TDA820	7-9	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	PACKAGE OUTLET PRESSURE TRANSMITTER	AIRPACK
9	FIELD	320PT-8204	M20	320PT-8204	300IDAN-820	300TDA820	10-12	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	OIL SYSTEM PRESSURE TRANSMITTER	AIRPACK
10	FIELD	320TT-8201	M20	320TT-8201	300IDAN-820	300TDA820	13-15	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	PACKAGE INLET TEMPERATURE TRANSMITTER	AIRPACK
11	FIELD	320TT-8202	M20	320TT-8202	300IDAN-820	300TDA820	16-18	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	1ST STAGE DISCHARGE PRESSURE TRANSMITTER	AIRPACK
12	FIELD	320TT-8203	M20	320TT-8203	300IDAN-820	300TDA820	19-21	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	2ND STAGE SUCTION TEMPERATURE TRANSMITTER	AIRPACK
13	FIELD	320TT-8204	M20	320TT-8204	300IDAN-820	300TDA820	22-24	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	2ND STAGE DISCHARGE TEMPERATURE TRANSMITTER	AIRPACK
14	FIELD	320TT-8205	M20	320TT-8205	300IDAN-820	300TDA820	25-27	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	PACKAGE OUTLET TEMPERATURE TRANSMITTER	AIRPACK
15	FIELD	320PCV-8201	M20	320PCV-8201	300IDAN-820	300TDA821	1-3	M20	FIELD	1Px1,5	01-P-1,5mm ² -11-A-R-GY-N	PRESSURE CONTROL VALVE	AIRPACK

these glands on JB or local panel so are in vendor scope of work. Please specify gland size.

cable length to be added in table

cable type to be 1P1.501ARGYN

cable type to be 19P0.7511ARGYN