

LIQUIP GANTRY PLUG & ACCESSORIES

GP10x SERIES GANTRY PLUG & JB10x JUNCTION BOX

Liquip gantry plugs are industry standard 3 or 4 bayonet (J-slot) plugs with 10 pin as standard to cover all installation options. The GP10x plug provides the interface between the terminal/gantry systems and a tanker for overfill protection and/or grounding.

Gantry plugs are designed for use with common industry overfill protection monitors including the Liquip RM140 "Overfill Monitor".

Key Features

- 3 or 4 J-slot configurations available to suit all industry truck plugs.
- Caters for up to 8 compartments with 2-wire probes.
- All materials are non-static producing.
- Robust petroleum-resistant housing which can withstand harsh environments.
- Comes standard with 10 core self-coiling petroleum-resistant cable (8m maximum reach). GP204 is supplied with Straight cable.
- High-visibility cable for ease of visibility and safety.
- Supplied with a M25 cable gland. Junction box is supplied with an adaptor to 3/4" NPT. This allows interchangeability for spare parts.
- Junction box includes hanger for cable loop-spring.
- Socket is heavily ribbed for better grip and bayonet positions clearly visible by being mounted on bosses.



GP104 model shown.

Technical Information

Cable parameters	Capacitance C = 1.1 nF. Inductance L = 12 µH. Inductance/Resistance Ratio L/R = 35 µH/Ω
Materials	Aluminium Box Polyurethane plug body. Stainless steel pins and fittings. 10 cores cable (32x 0.2mm), outersheath polyurethane, Blue.
Weight	3.5kg for GP10x only. 5.0kg for total including junction box.
Mounting	Junction box has two internal mounting holes for 8mm diameter bolts. Notes: Replace the cable gland with appropriate approved explosion-proof types if directly installed to the Overfill monitor.
Spare Parts	5115 Self-store coiled cable, Blue. Plugs are available as spare part, order as GP103-3 or GP104-4.

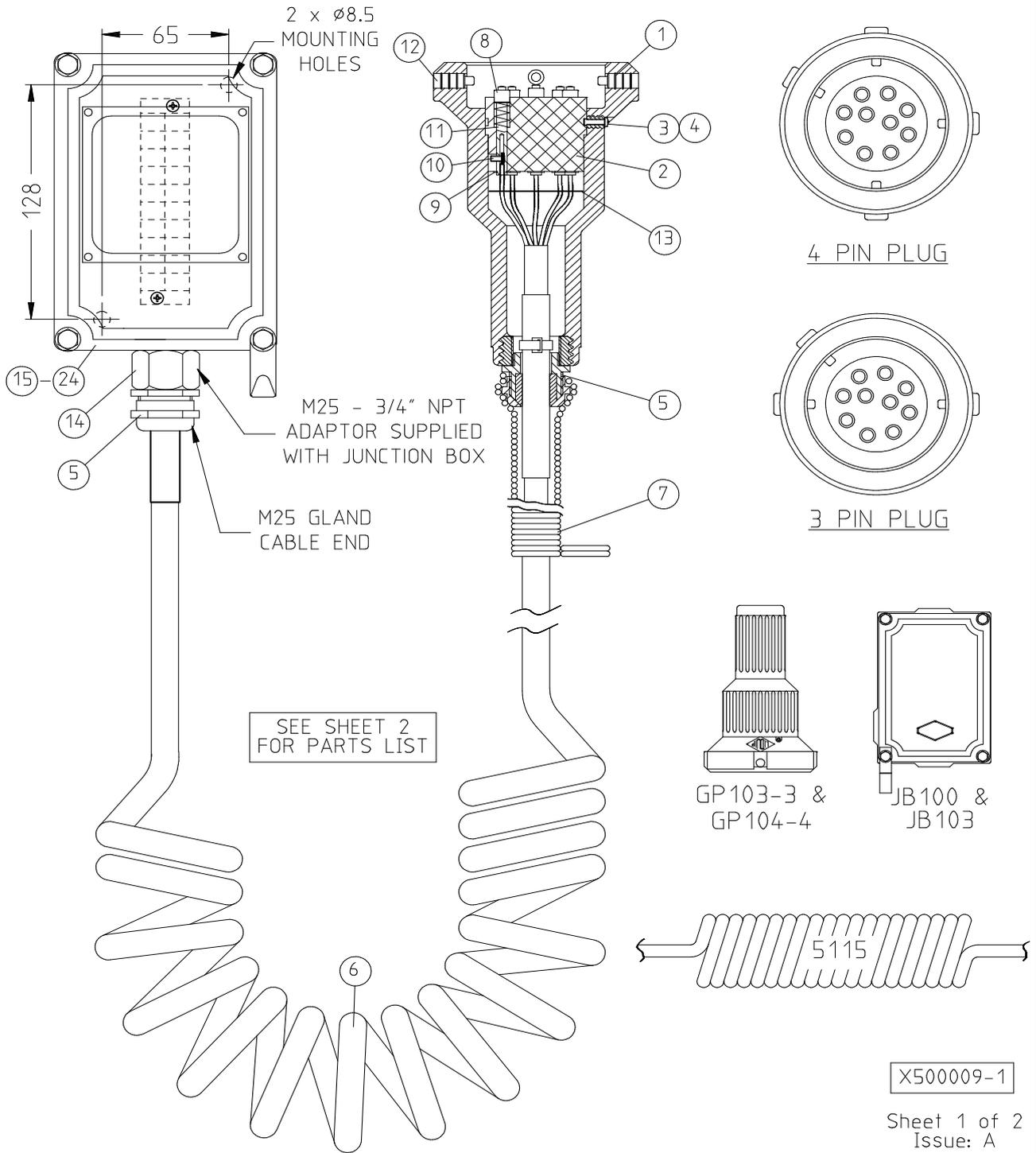
Ordering Information

- JB100** JUNCTION BOX 2 X 3/4" NPS PORTS, WITH 1 ADAPTOR.
- JB103** JUNCTION BOX 3 X 3/4" NPS PORTS, WITH 2 ADAPTOR.
- GP103** 3 J-SLOT BAYONET, NAVY BLUE, WITH CABLE & GLAND.
- GP104** 4 J-SLOT BAYONET, BLACK, WITH CABLE & GLAND.
- GP114Z** 4 J-SLOT BAYONET, BLACK, WITH CABLE FITTED WITH QUICK RELEASE CONNECTOR & GLAND.
- GP204** 4 J-SLOT BAYONET, BLACK, WITH STRAIGHT CABLE & GLAND

Associated Equipment

- Liquip RM1xx Series Overfill Protection Monitor.
- Liquip PD50x Series Overfill Protection Monitor.
- Liquip TP Series "Ground Boss" Truck Plug.
- Liquip TPA Series Gantry Plug Parking adaptors.

GANTRY PLUGS & COMPONENTS



METERS - VALVES - VENTS - MANHOLES - PUMPS - HOSEREELS - OVERFILL PROTECTION - LOADING ARMS - ELECTRONIC DIPSTICKS



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DISTRIBUTORS

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PARTS LIST & WIRING INSTRUCTIONS FOR 3 & 4 PIN GANTRY PLUGS

ITEM	PART NO	DESCRIPTION	MATERIAL	GP103	GP104	GP103-3	GP104-4	JB100	JB103	5115
1	GP104-1	PLUG BODY 4 PIN	POLYURETHANE		1		1			
	GP103-1	PLUG BODY 3 PIN	POLYURETHANE	1		1				
2	GP100-2	SOCKET	POLYURETHANE	1	1	1	1			
3	6526	SETSCREW PAN/PH HEAD	ST STEEL	1	1	1	1			
4	6527	WASHER SHAKEPROOF	ST STEEL	1	1	1	1			
5	6885	CABLE GLAND	N/P BRASS	2	2					
6	5115	CABLE - COILED (SELF STORE)	POLYURETHANE	1	1					1
7	4477	SPRING WIRE SUPPORT	ST STEEL	1	1					
8	5713	PIN CONTACT	ST STEEL	10	10	10	10			
9	4517	E CLIP	ST STEEL	10	10	10	10			
10	4874	GRUBSCREW	ST STEEL	10	10	10	10			
11	4478	SPRING RETURN	ST STEEL	10	10	10	10			
12	5714	LOCKING PIN	ST STEEL	3	4	3	4			
13	4755	CABLES IDENTIFICATION LABEL	POLYCARBONATE	1	1	1	1			
14	7191	ADAPTOR	BRASS					1	2	
15	JB100-1	JUNCTION BOX BODY	ALUMINIUM					1		
	JB103-1	JUNCTION BOX BODY	ALUMINIUM						1	
16	JB100-2	JUNCTION BOX COVER	ALUMINIUM					1	1	
17	JB100-4	JUNCTION BOX HOOK	ALUMINIUM					1	1	
18	0100	WASHER FLAT	Z/P M/S					4	4	
19	4279	GASKET	NEO-CORK					1	1	
20	4753	LABEL	PLASTIC					1	1	
21	4920	SETSCREW HEX HD	Z/P M/S					4	4	
22	4885	SCREW HAMMER DRIVE	STEEL					4	4	
23	4960	SCREW THREAD CUTTING PAN HD	Z/P M/S					2	2	
24	5026	BLOCK STRIP TERMINAL	P/E PLASTIC					1	1	

CABLE CONNECTIONS FOR BOTH 3 & 4
BAYONET PIN LIQUIP GANTRY PLUGS

USE BLUE CABLE ONLY.

WIRE COLOUR	GANTRY PLUG (3-BAYONET) PIN No	GANTRY PLUG (4-BAYONET) PIN No
BROWN	1	1
GREY	2	8
BLUE	3	6
YELLOW	4	4
GREEN	5	5
ORANGE	6	3
VIOLET	7	7
RED	8	2
WHITE	9	10
BLACK	10	9

NOTES: Wiring colour codes may vary from country to country. In 1996 Liquip International adopted the I.P. code of practice in the general interest of compatibility.

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