

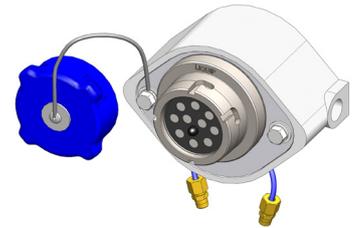
ITP103 & ITP104 series truck plugs

Liquip offers truck plugs with added ground assurance to suit 2 wire and 5 wire overfill systems with 3 or 4 pin bayonet fastening (J-slots).

The industry standard 10 pin overfill protection is interchangeable with others of the same type and incorporates no-cost wiring connectors which ensure the tanker is bonded to the gantry so long as the plug body is correctly mounted. This dissipates static electricity and prevents sparks due to differences in potential.

The design of Liquip's truck plugs is unique in that it ensures grounding of the tanker to the gantry by using the mounting bolts inside the truck plug.

The ITP100 series of truck plugs features a stainless steel nose ring and J-slots for longer service life and incorporates an air interlock switch which is activated when the gantry plug is connected. This can be used to operate several other pneumatic devices to prevent loading or damage from tanker driveaways.



ITP104 model with 5069 truck plug cover shown.

Key Features

- 3 and 4 bayonet style J-slots fixing to industry standard.
- 10 pin as standard.
- Allows for overfill protection with added ground assurance.
- Sufficient room to easily install and mount dummy probe as required in 2 wire systems.
- Stainless Steel nose ring and J-slots for longer service life.
- Offers compatibility with virtually all terminals built to EN13922 or API RP 1004.

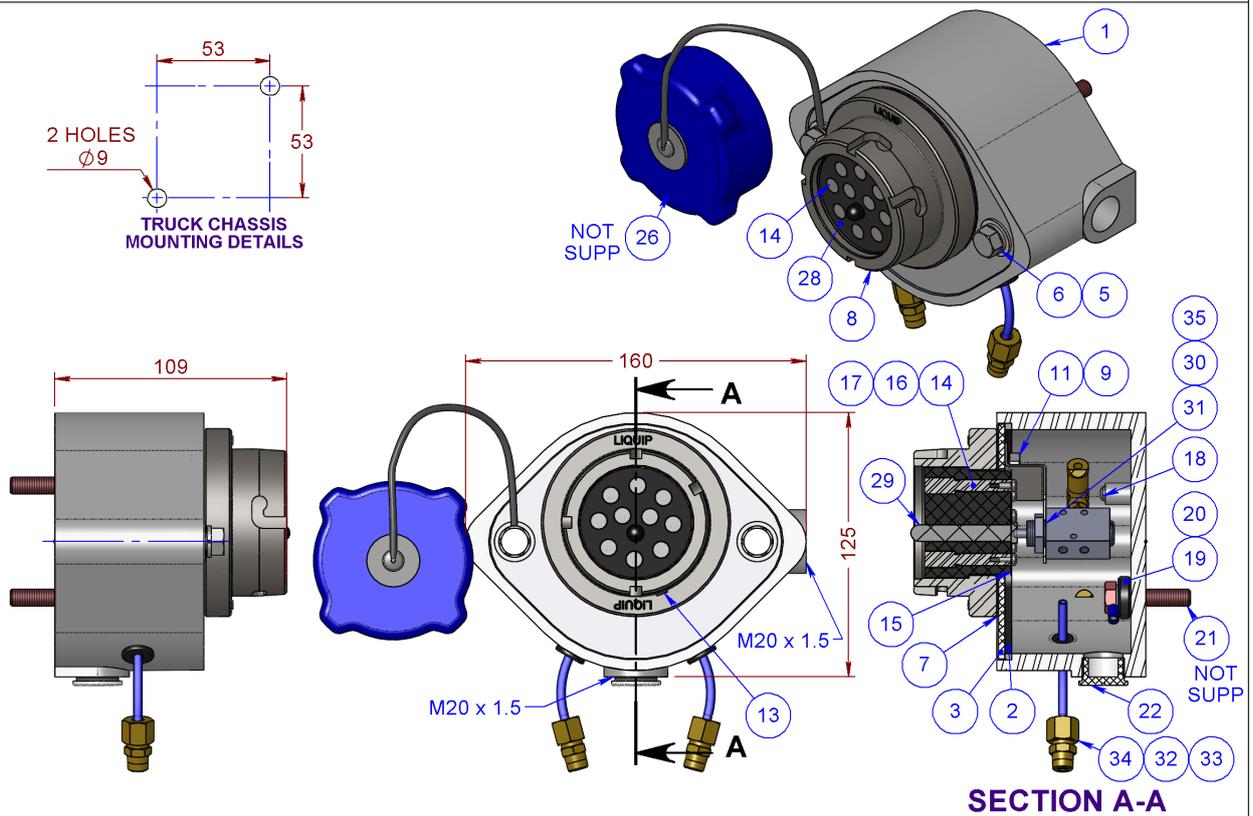
Specifications

Mounting	Acetal mounting blocks
Technical Data	<ul style="list-style-type: none"> • Mounting by 2 stainless steel bolts 8mm dia via acetal insulating bushes. • 3 and 4 bayonet fixing to industry standard. • Conduit ports M20 x 1.5 thread, two options. 10 pin as standard.
Variants	ITP103 - 3 pin bayonet fastening c/w interlock. ITP104 - 4 pin bayonet fastening c/w interlock.
Weight	1.3kg
Materials	Stainless steel nose cone Stainless steel pins and terminator Acetal mounting block Aluminium body and cover plate PVC cap. Order separately, see below.
Associated equipment	5069 PVC cap LDP202/LDP205 probes GP100 series Gantry plugs

*** Note:**

The "Ground Boss" truck plug must be bolted to the main structure, not to a potentially isolated bracket, or bolted on substructure.

ITP103 & ITP104 TRUCK PLUGS



SECTION A-A

ITEM	PART No	DESCRIPTION	ITP104	ITP103	TP104-8	MATERIAL
1	ITP101-1	BODY	1	1	-	ALUMINIUM
2	4258	SEAL GASKET FOR TP	1	1	1	NITRILE
3	TP100-2	COVER PLATE	1	1	1	ALUMINIUM
4	0101	WASHER FLAT	2	2	2	Z/P STEEL
5	0108	WASHER SPRING	2	2	2	Z/P STEEL
6	0011	SETSCREW HEX	2	2	2	Z/P STEEL
7	4259	GASKET	1	1	1	BLACK FIBRE
8	TP104-3SS	PLUG 4-PIN	1	-	1	ST STEEL
	TP103-3SS	PLUG 3-PIN	-	1	-	ST STEEL
9	0100	WASHER FLAT	2	2	2	Z/P STEEL
10	0114	WASHER SHK-PRF	2	2	2	Z/P STEEL
11	4843	SETSCREW HEX	2	2	2	Z/P STEEL
12	TP100-5	SOCKET - STANDARD	-	-	1	ACETAL
13	4845	SCREW C/SUNK MET	1	1	1	ST STEEL
14	TP100-4	PIN CONTACT	10	10	10	ST STEEL
15	4728	IDENTIFICATION LABEL	1	1	1	POLYCARB
16	5238	WASHER SHK-PRF INT	10	10	10	ST STEEL
17	4844	SCREW METRIC	10	10	10	ST STEEL
18	3234	SELF TAPPING SCREW PAN/PH	2	2	2	ST STEEL
19	TP101-6	BUSH	2	2	-	ACETAL
20	4882	EYE TERMINAL	2	2	-	Z/P STEEL
21		HEX HEAD BOLT MAX Ø8 TO REQ'D LENGTH	NOT SUPPLIED			ST STEEL
22	6943	PLUG M20 CONDUIT	1	1	-	NYLON
23	4729	INSTRUCTION LEAFLET	1	1	1	PAPER
24	4666	WARNING LABEL	1	1	-	PAPER
25	40021	CARTON	1	1	-	CARDBOARD
26	5069	CAP - PROTECTIVE	OPTIONAL			PVC
27	3350N	PLASTIC BAG	-	-	1	PLASTIC
28	ITP101-2	SOCKET - WITH EXTRA HOLE	1	1	-	ACETAL
29	ITP100-1	INTERLOCK TRUCK PLUG	1	1	-	ACETAL
30	ITP100-2	BRACKET INTERLOCK	1	1	-	ST STEEL
31	5622	VALVE AIR M5 3/2 MINI VALVE	1	1	-	STEEL
32	5620	AIR LINE	2	2	-	NYLON
33	5618	GROMMET	2	2	-	RUBBER
34	5619	COMPRESSION FITTING	2	2	-	BRASS
35	5621	AIR FITTING ELBOW	2	2	-	BRASS