TPA Series Gantry Plug Parking Adaptors

Liquip offers the TPA series truck plug parking adaptors to suit both 3 or 4 pin bayonet fastening (J-slots) gantry plugs. The TPA series adaptors are supplied with a provision to mount and adjust a proximity switch.

TPA gantry plug parking adaptors provide a safe posititve electronic interlock that can be used with the terminal automation system (TAS) to ensure the gantry plug has been disconnected from the loading vehicle before permission to leave the gantry is granted.

TPA4 shown.

Specifications

Materials	Stainless steel nose cone. Acetal mounting block. Aluminium body and cover plate. Dust cap - supplied separately.
Mounting	• 3 and 4 bayonet fixing to industry standard. • Conduit ports 1/2" NPT (straight) thread, two options. • Mounting by 2 stainless steel bolts 8mm dia.
Operation Instructions	Mount the parking adaptor in close proximity to the gantry monitor so that when parking the loop of the gantry plug wire is free and is not interfering with normal operations. A suitable proximity switch is fixed inside the parking adaptor, when the gantry plug is disconnected from the loading vehicle it is connected to the parking adaptor. When the gantry plug is connected the proximity switch reads and sends a signal which can be used in various ways.
Proximity Switch	Proximity switch size M30 x 1.5 thread specification to customer requirements.
Weight	1.3kg.

Ordering Information

TPA3: Gantry plug, parking adaptor 3 slot bayonet.
TPA4: Gantry plug, parking adaptor 4 slot bayonet.

Associated Equipment

5069: Gantry Plug Dust Cap - Blue.
TP103: Truck Plug with 3 slot bayonet fastening.
TP104: Truck Plug with 4 slot bayonet fastening (use also for 2 slot applications).
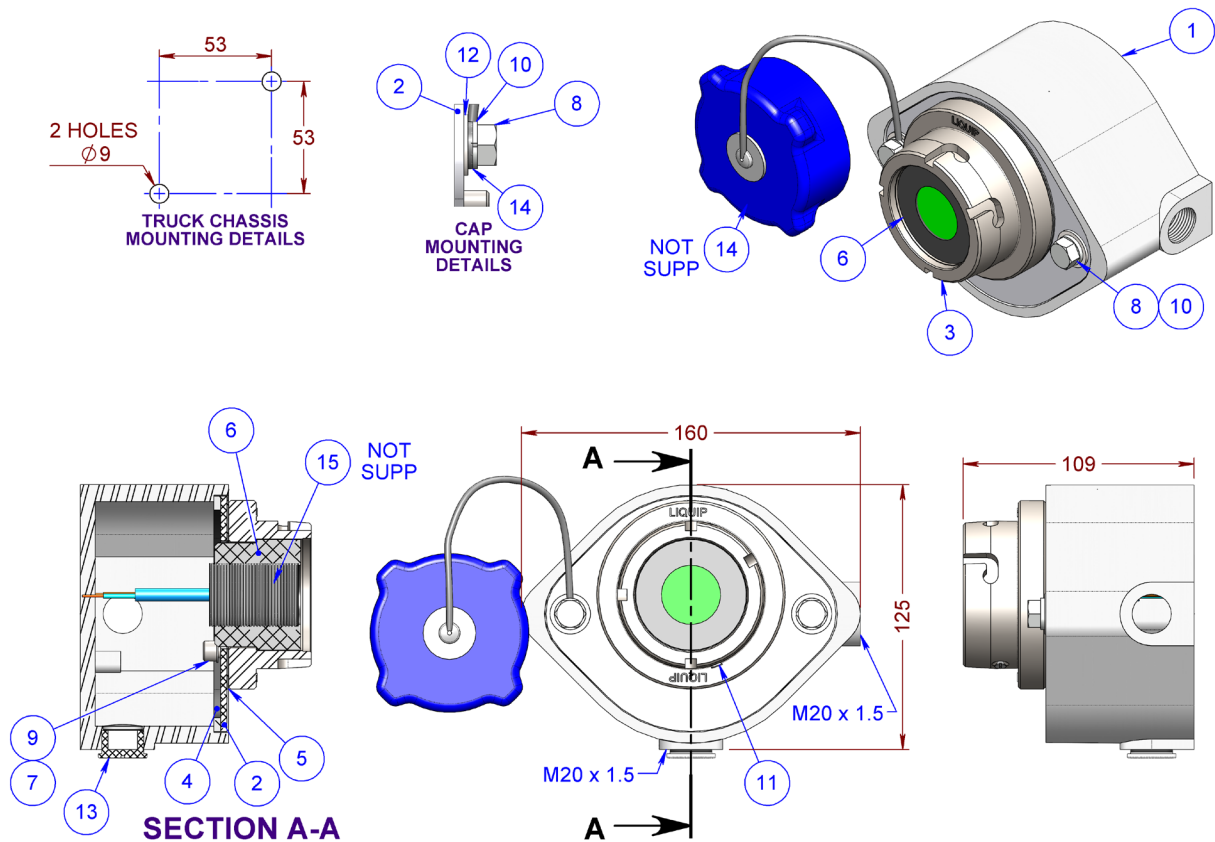**GP103**: Gantry plug, 3-pin bayonet, Navy Blue, supplied with blue cable & gland.
GP104: Gantry plug, 4-pin bayonet, Black, supplied with blue cable & gland.
GP114Z: Gantry plug, 4-pin bayonet, Black, with blue cable, supplied with quick release connector & gland.
GP204: Gantry plug, 4-pin bayonet, Black, with straight blue cable & gland.

TPA3 & TPA4 GANTRY PLUG PARKING ADAPTORS

ITEM	PART No	DESCRIPTION	TPA4	TPA3	MATERIAL
1	TP101-1	BODY	1	1	ALUMINIUM
2	TP100-2	COVER PLATE	1	1	ALUMINIUM
3	TP104-3SS	PLUG 4-PIN	1	-	ST STEEL
	TP103-3SS	PLUG 3-PIN	-	1	ST STEEL
4	4258	SEAL GASKET FOR TP	1	1	NITRILE
5	4259	GASKET	1	1	BLACK FIBRE
6	TPA4-1	SOCKET GP PARKING	1	1	ACETAL
7	0114	WASHER SHK-PRF	2	2	Z/P STEEL
8	0011	SETSCREW HEX	2	2	Z/P STEEL
9	5249	CAPSCREW IMPERIAL	2	2	Z/P STEEL
10	0108	WASHER SPRING	2	2	Z/P STEEL
11	4845	SCREW C/SUNK MET	1	1	ST STEEL
12	0101	WASHER FLAT	2	2	Z/P STEEL
13	6943	PLUG M20 CONDUIT	1	1	NYLON
14	5069	CAP - PROTECTIVE	NIL	NIL	PVC
15	NOT SUPP	PROXIMITY SENSOR 30mm Ex ia	NIL	NIL	ST STEEL
16	40021	CARTON	1	1	CARDBOARD
17	40000	PLASTIC BAG	1	1	PLASTIC