



Producto distribuido por

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MannTek

Product Name	Tank Unit
Part Number	LC
Short Description	Male (Tank Unit, Adapter)
Description	Self locking quick connect/disconnect coupling, to ISO TS 18683. Suitable for the loading and unloading of cryogenic liquefied gases (LNG, nitrogen, oxygen, argon, ethylene etc.) down to -196° C. Tank unit without swivel, typically fix mounted as filling connector for container discharge, fuel bunkering truck-to-ship, ship-to-ship, terminal-to-ship, loading/unloading of tank trucks, rail tankers and ships.
Comment	Quick and safe connection of hose assemblies and loading arms to mobile and stationary tanks, under pressure and with minimised product loss. During the cool down phase no retightening of the connection is necessary as practiced with flanged or threaded connections. Both coupling parts are equipped with a flat poppet valve. For the connection, the hose unit is pushed onto the tank unit and coupled / sealed by turning the coupler clockwise by 15 degrees. When the unit is turned by 100 degrees, the valves move into the tank unit so that the medium can flow. When a similar turn is made counter-clockwise, the flow is stopped and the coupler can be pulled off.
Sizes	1" (DN 25) up to 6" (DN 150).
Connections	NPT thread, DIN/ANSI flange – others on request.
Pressure	Can be coupled up to 7 bar line pressure. Working pressure: DN 25 - DN100: PN 25, DN 150: PN 16.
Temperature	-196° C up to +85° C.
Material	Body: stainless steel 1.4404 (AISI 316L). O-Rings: PTFE.
Approvals / Certificates	DCC couplings fulfill the requirements of European Pressure Equipment Directive category 2 (for higher demand on request). Suitable for the use in potentially explosive atmosphere (ATEX) zone 1. Approved for the transport of dangerous goods on road (ADR), by rail (RID) and by ship (IMDG) and EN 14432. Type approval to DNV GL rules for Liquefied gas carriers, Type examination DNV GL for LNG transfer systems (ISO16904, EN1474-3). Bureau Veritas TAC 36873_A2_BV 2016, DNV Bauartzulassung P-14490, ClassNK Bauartzulassung TA15060M, TÜV TÜ.AGG 304-99 , Lloyd's Register 0038/ATEX/HAM064017, TDT TDT-UW-21/16, EAC TC No. RU Д-SE.МЮ62.В.02151
Product Sheet / Links	Overview Approvals Brochure DCC-Couplings Homepage DDC-Couplings

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