



































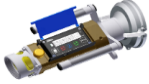

	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
FLOW METERS		SEAL MT001	ADRIANE TURBINE METER <ul style="list-style-type: none"> •Flow rate range: 40 l/min to 10 000 l/min. •Accuracy: ± 0.1% •Repeatability 0.02% 	PETROL, DIESEL LPG ADBLUE, JET, BIOFUEL, ETHANOL	LOADING OFFLOADING TRANSFER, TRUCKS Metering
		SEAL MT002	POSITIVE DISPLACEMENT METERS, PD <ul style="list-style-type: none"> •Flow rate range: 20 l/min to 5 000 l/min. •Accuracy: ± 0.15% •Repeatability 0.02 % 	PETROL, DIESEL LPG ADBLUE, JET, BIOFUEL, ETHANOL	LOADING OFFLOADING TRANSFER, TRUCKS Metering
		SEAL MT003	HELICAL TURBINE METER <ul style="list-style-type: none"> •Flow rate range: 50 l/min to 5 000 l/min. •high viscosities (up to 350 cSt) •Accuracy class ± 0.1% •Repeatability 0.02% 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ETHANOL	LOADING OFFLOADING TRANSFER, TRUCKS Metering
		SEAL MT004	CORIOLIS MASS FLOW METERS <ul style="list-style-type: none"> •Flow: 0 to 2 200 000 kg/h (0 to 80 840 lb/min) •Accuracy: Mass flow (liquid): ±0.1 % •Repeatability 0.02% 	PETROL, DIESEL, JET, LPG, HFO (HIGH VISCOSITY), OIL (LUB)	LOADING OFFLOADING TRANSFER, TRUCKS Metering
Filter & Gas Extractor		SEAL HD001	STRAINERS AND GAS EXTRACTOR <ul style="list-style-type: none"> •Certified (OIML) •Max Flow rate range: 150 m³/h - 2500 L/min. •Filtration: Cartridge 80 µm 	LIQUID HYDROCARBONS (NO LPG), ALCOHOL	LOADING OFFLOADING TRANSFER
		SEAL HD002	ONLINE STRAINERS and GAS EXTRACTOR <ul style="list-style-type: none"> •Certified (OIML) •Max Flow rate range: 150 m³/h - 2500 L/min. •Filtration: Cartridge 100 µm •Pressure: 0 to 10 bar 	LIQUID HYDROCARBONS (NO LPG), ALCOHOL	LOADING OFFLOADING TRANSFER
		SEAL HD003	GAS SEPARATOR <ul style="list-style-type: none"> •Certified (OIML) •Max Flow rate range: 150 m³/h - 2500 L/min. • 2 GAS detectors, DG3001 •Pressure: 0 to 10 bar 	LIQUID HYDROCARBONS (NO LPG), ALCOHOL	LOADING OFFLOADING TRANSFER
Controllers		SEAL MT005	MICROCOMPT BATCH CONTROLLER <ul style="list-style-type: none"> •Certified (OIML) •Valve, TT, Meter, injectors, gas sensor, ... •Communication: Ethernet, RS485, RFID, CAN, WIFI, Bluetooth •ATEX : II 2 (1) G Exd [ia Ga] II B T6 Gb 	ONE ARM METERING	LOADING ARMS, OFFLOADING ARMS, TRANSFER, BLANDING, INJECTION, TRUCKS METERING
Terminal		SEAL MT006	ATLAS TERMINAL <ul style="list-style-type: none"> •RFID identification •Communication: Ethernet, RS485, RFID, CAN, WIFI, Bluetooth •ATEX : II 2 (1) G Exd [ia Ga] II B T6 Gb 	IHM	ATEX INTERFACE WITH AUTOMATION SYSTEM



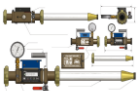










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Injectors		SEAL HD004	ALMA INJECTOR MODULE <ul style="list-style-type: none"> • Filter, pulser, solenoid, valvel •Viscosity: < 12cSt •Flow: 50 / 500 L/H (up to 3000 ppm) •Calibration Connection Included 	ADDITIVE OR DYE	ADDITIVE, INJECTION, REGULATION, DOSING
		SEAL HD005	INJECTOR MASTER METER <ul style="list-style-type: none"> • Controller with display with meter and solenoid •Easy connectors •ATEX 	ADDITIVE OR DYE (MARKER)	MATER METER FOR INJECTION CALIBRATION WITHOUT ANY PRODUCT MANIPULATION
INSTRUMENTATIONS		SEAL IT001	TEMPERATURE SENSOR <ul style="list-style-type: none"> •PT100 or 4-20 mA •-50 °C to 400 °C operating temperature •Max process pressure: up to 75 bar 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	PROCESS, SAFETY
		SEAL IT002	FLOW SWITCH SENSOR <ul style="list-style-type: none"> •Large range or pressure 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	PROCESS, SAFETY
		SEAL IT003	PRESSURE TRANSMITTER <ul style="list-style-type: none"> •4-20 mA, Hart, modbus, ... •Large range or pressure 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	PROCESS, SAFETY
		SEAL IT004	PRESSURE INDICATOR <ul style="list-style-type: none"> •Large range •Manifold in option 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	PROCESS INDICATION
		SEAL IT005	TEMPERATURE INDICATOR <ul style="list-style-type: none"> •Large range 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	PROCESS INDICATION
		SEAL IT006	LEVEL MEASUREMENT <ul style="list-style-type: none"> •HL high Level •HHL (High high Level) •Optic 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	SAFETY
		SEAL IT007	ATG - TANK GAUGING <ul style="list-style-type: none"> •Level (product, Water) T°, Density, Pressure •Radar, Guided •Hydrostatic •Ultrasonic 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ALCOHOL, WATER	PROCESS, SAFETY







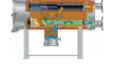




	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
SAFETY		SEAL SA001	FIX GAS DETECTORS <ul style="list-style-type: none"> •Dual sensors •Bluetooth® Wireless Technology •LED light for visibility 	TOXIC AND COMBULSTIBLE GASES	ATEX AREA
		SEAL SA002	PORTABLE GAS DETECTORS <ul style="list-style-type: none"> •Rechargeable, up to 17Hrs •Up to 4 gases CH4, O2, CO, NO2 •Auto-calibration 	TOXIC AND COMBULSTIBLE GASES	ATEX AREA
		SEAL SA003	LIQUID HYDROCARBON DETECTOR <ul style="list-style-type: none"> • Water presense detection. 	HYDROCARBON PRODUCTS	PROCESS, SAFETY
		SEAL SA004	FLAME DETECTOR <ul style="list-style-type: none"> •Outputs: 4-20 mA (sink or source analog), HART, Modbus, 5 A relays •316 stainless steel 	TOXIC AND COMBULSTIBLE GASES	ATEX AREA
Grounding & Overfilling		SEAL ST003	GROUNDING/BONDING <ul style="list-style-type: none"> •ATEX •With Coiled cable and plud 	REMOVE ELECTROSTATIC ELECTRICITY	TRUCKS, RAILCAR, REFUELER
		SEAL ST004	OVERVILL SENSOR <ul style="list-style-type: none"> •ATEX •With Coiled cable and plud 	REMOVE ELECTROSTATIC ELECTRICITY	TRUCKS, RAILCAR, REFUELER

	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
Valves and Actuators		SEAL HD006	DIGITAL CONTROL VALVE <ul style="list-style-type: none"> •Hydraulic •NC/NC, 2 solenoid (Atex) •Pmax 10 bars 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ETHANOL	REGULATION, FLOW CONTROL
		SEAL HD007	TWO STAGE VALVE <ul style="list-style-type: none"> •Hydraulic •NC/NC, 2 solenoid (Atex) •Pmax 10 bars 	PETROL, DIESEL	REGULATION, FLOW CONTROL
		SEAL HD008	DIGITAL PNEUMATICAL VALVE <ul style="list-style-type: none"> •Air compressed valve •4-20 mA (IP) •Pmax 30 bars 	PETROL, DIESEL LPG	REGULATION, FLOW CONTROL
		SEAL HD009	ROTORK ELECTRIC ACTUATORS <ul style="list-style-type: none"> •Isolating and regulating duty •Torque from 14 to 3,000 Nm (10 to 2,200 lbf.ft) to 40,800 Nm (30,000 lbf.ft) multi-turn (rotary) •Oil bath lubricated IP68 double-sealed option 	VALVES	VALVE CONTROL AND SUPERVISION
		SEAL HD010	CHECK VALVE / NON RETURN VALVE <ul style="list-style-type: none"> •Size up to 24" (ANSI B16.5) •Carbon Steel or Stainless Steel 	ALL FLUIDS	OIL TERMINAL, LUBE PLANT, AVIATION FUEL INDUSTRIES EXPLORATION
		SEAL HD011	BALL VALVE <ul style="list-style-type: none"> •Size up to 24" (ANSI B16.5) •Carbon Steel or Stainless Steel 	ALL FLUIDS	OIL TERMINAL, LUBE PLANT, AVIATION FUEL INDUSTRIES EXPLORATION
		SEAL HD012	GLOBE VALVE <ul style="list-style-type: none"> •Size up to 24" (ANSI B16.5) •Carbon Steel or Stainless Steel 	ALL FLUIDS	OIL TERMINAL, LUBE PLANT, AVIATION FUEL INDUSTRIES EXPLORATION
		SEAL HD013	STRAINER <ul style="list-style-type: none"> •Size up to 24" (ANSI B16.5) •Carbon Steel or Stainless Steel •Different microns (on demand) 	ALL FLUIDS	OIL TERMINAL, LUBE PLANT, AVIATION FUEL INDUSTRIES EXPLORATION
Pumps		SEAL HD015	DICKOW CENTRIFUGAL PUMPS <ul style="list-style-type: none"> • Maximum flow = 400 m3/h • Self-priming or not • ATEX Engine • Option : Soft Starter 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ETHANOL	OIL TERMINAL, LUBE PLANT, AVIATION FUEL INDUSTRIES EXPLORATION
		SEAL HD016	VOLUMETRIC PUMPS <ul style="list-style-type: none"> • Maximum flow = 500 m3/h • Self-priming • ATEX Engine • Option : Soft Starter 	PETROL, DIESEL LPG, HEATING OIL ADBLUE, JET, BIOFUEL, ETHANOL	OIL TERMINAL, LUBE PLANT, AVIATION FUEL INDUSTRIES EXPLORATION

	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
FIRE FIGHTING		SEAL FF001	FIRE PUMPS • Diesel pump • Electrical pump	WATER	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES
		SEAL FF002	JOCKEY PUMP • Electrical pump	WATER	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES
		SEAL FF003	FOAM PUMP • Electrical pump	FOAM	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES
		SEAL FF004	HOSE REEL	FOAM AND WATER	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES
		SEAL FF005	HYDRANTS	FOAM AND WATER	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES
		SEAL FF006	MONITOR • Automation cabinet • Supervision • I/O, alarms, siren, ...	FIRE PROTECTION	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES
		SEAL FF007	Fittings, Valves, accessories	FOAM AND WATER	OIL TERMINAL, LUBE PLANT, AVIATION, LPG PLANT, MINES, INDUSTRIES

	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
SKIDS		SEAL MT005	OFFLOADING METERING SKID <ul style="list-style-type: none"> • Turnkey skid • Pump, meter, controller • Pmax : 10 bars • Max flowrate: 2 500 l/min 	PETROL, DIESEL LPG, HEATING OIL, JET	OIL TERMINAL, LUBE PLANT, AVIATION, MINES, INDUSTRIES
		SEAL MT006	BOTTOM LOADING SKID <ul style="list-style-type: none"> • Turnkey skid • Meter, controller, Arms, valve, grounding, overfilling • Process and Safety (safety valve, ESD) • Pmax : 10 bars • Max flowrate: 2 500 l/min 	PETROL, DIESEL LPG, HEATING OIL, JET	OIL TERMINAL, LUBE PLANT, AVIATION, MINES, INDUSTRIES
		SEAL MT007	ADDITIVATION SKID (Storage and pump) <ul style="list-style-type: none"> • Turnkey skid • Storage 2 m3 • Pump 8 bars • Piping, valve, fittings 	ADDITIVE OR DYE (MARKER)	OIL TERMINAL, AVIATION, MINES, INDUSTRIES
Mobile METER		SEAL MT008	GRAVITY OFFLOADING METER <ul style="list-style-type: none"> • Certified (OIML // WMA) • Flowrate 8 m3/h to 80 m3/h • Bluetooth, rechargeable battery, GPS • Portable: 6Kg 	PETROL, DIESEL JET	OFFLOADING
		SEAL MT009	ETALCOMPT MASTER METER <ul style="list-style-type: none"> • Flowrate 15 m3/h to 150 m3/h • Controller integrated 	PETROL, DIESEL JET	MASTER METER, CALIBRATION

	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
LPG		SEAL HD015	LPG TURBINE METER •Size: 2" •Flowrate: 30 m3/h or 500 L/m •Stainless Steel or Aluminium.	LPG	LPG LOADING FACILITY, TRUCKS, METERING SKID
		SEAL MT005	MICROCOMPT CONTROLLER •Certified (OIML) •Communication: Ethernet, RS485, RFID, CAN, WIFI, Bluetooth •ATEX : II 2 (1) G Exd [Ia Ga] II B T6 Gb	LPG	LPG LOADING FACILITY, TRUCKS, METERING SKID
		SEAL HD016	LPG MASTER METER •Certified (OIML // WMA) •Flowrate max 50 m3/h •Controller •Portable	LPG	LPG LOADING FACILITY, TRUCKS, METERING SKID
		SEAL HD017	LPG FILTRATION AND LOADING VALVE	LPG	LPG LOADING FACILITY, TRUCKS, METERING SKID
		SEAL HD018	CHECK VALVE, NON RETURN VALVE	LPG	LPG LOADING FACILITY, TRUCKS, METERING SKID
ATEX EQUIPMENTS		SEAL ST005	EQUIPED JUNCTION BOX •Stainless steel •Eex"e"		ALL INDUSTRIES
		SEAL ST006	ATEX JUNCTION BOX •Polyester •Eex"e"		ALL INDUSTRIES
		SEAL ST007	MONITOR • Eex"d"		ALL INDUSTRIES
		SEAL ST008	EMERGENCY STOP BUTTON (ESD)		ALL INDUSTRIES
		SEAL ST009	CABLES GLAND, PLUGS		ALL INDUSTRIES
		SEAL ST0010	ATEX LIGHT • Fluo • LED		ALL INDUSTRIES

	PICTURE	CODE	PART DESCRIPTION	PRODUCT / SPECS	APPLICATION
LOADING ARMS		SEAL HD019	TOP LOADING ARM	HYDROCARBONS	TRUCKS, RAILCAR, SHIP
		SEAL HD020	LPG LOADING ARMS (GAS AND PRODUCT)	LPG, CHEMICAL	TRUCKS, RAILCAR, SHIP
		SEAL HD021	BOTTOM LOADING ARMS	HYDROCARBONS	TRUCKS, RAILCAR, SHIP
		SEAL HD022	OVERFILL SENSOR	HYDROCARBONS	TRUCKS, RAILCAR, SHIP
		SEAL HD023	DIRECTION SENSORS/ LEFT RIGHT	HYDROCARBONS	TRUCKS, RAILCAR, SHIP
AVIATION		SEAL AV001	WATER SEPARATOR	JIG	AIRPORTS, LOADING TERMINALS, STORAGE FACILITY
		SEAL AV002	COALESCER	JIG	AIRPORTS, LOADING TERMINALS, STORAGE FACILITY
		SEAL AV003	CATRIDGES, MICROFILTERS	JIG	AIRPORTS, LOADING TERMINALS, STORAGE FACILITY
AUTOMATION		SEAL AUT001	TERMINAL MANAGEMENT SYSTEM (TMS) <ul style="list-style-type: none"> • ATLAS NEO Software, PostGres Data base, WEB Design • Supervision, reports • ERP (SAGE, SAP), Interface • Adiditivation • Compartment management • PLC Interfaces, Gauging Interface 	WEB DESIGN, SCALABLE, MODULAR	LOADING TERMINALS, LPG FACILITIES, AIRPORT, MINES
		SEAL AUT002	Process and Safety Automation <ul style="list-style-type: none"> • Pump automation • Tank Farm automation (High level, Tank Gauging, ESD, ...) • Transfer pump, actuated valves • Safety (ESD, Siren, Firefighting, ...) • Supervision 	PROCESS AND SAFETY (SCHNEIDER AND SIEMENS)	LOADING TERMINALS, LPG FACILITIES, AIRPORT, MINES
		SEAL AUT003	Fire Fighting Automation <ul style="list-style-type: none"> • Pump automation (Water and Foam), Scenario • Supervision 	SAFETY	LOADING TERMINALS, LPG FACILITIES, AIRPORT, MINES