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Lutz® The Fluid Managers

JESCO®

The Safest Connections...

The Lutz Accessory Range for Electrical & Pneumatic Drum and Container Pumps





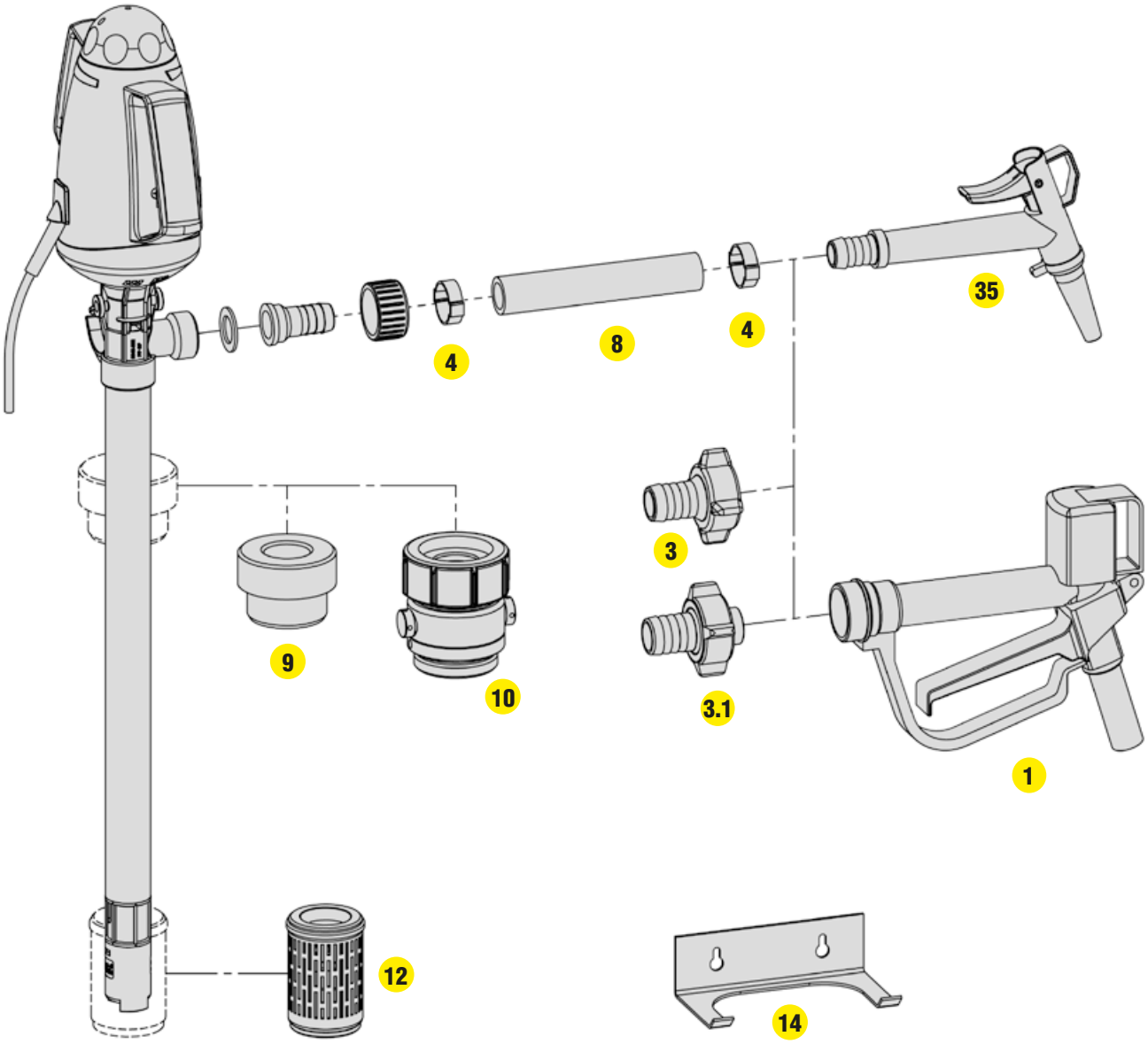




Safety is our Concern

Accessories Lutz Drum and Container Pumps

Accessories for B2 Vario drum and laboratory pump at a glance



1	Nozzle
3	Hose connection
3.1	Hose connection, rotatable
4	Hose clamp
8	Hose
9	Drum adapter
10	Emission proof drum adapter
12	Foot strainer
14	Wall bracket
35	Hand nozzle

Accessories Lutz Drum and Container Pumps

for drum and laboratory pump Lutz B2 Vario

Specification	Order-No.	Product detail

Set-accessories

Comprises of: Hand nozzle, 5 feet PVC-hose 3/4“, hose connection, hose clamps, wall bracket

For Pumps Lutz B2 Vario PP-SL ø 32 — **0201-003**



35 Hand nozzle PP for Lutz B2 Vario

For filling and transferring neutral and aggressive liquids.
The liquid stream can be regulated by a turnlock fastener.
Outlet spout ø 0.47 inch (conical). Polypropylene (PP) housing. FPM (FPM) seals.

Operating pressure:	max. 14.5 psi at 68°F
Viscosity:	max. 300 cps
Flow rate:	max. 10.5 GPM (water)
Temperature of medium:	max. 122 °F
Weight:	approx. 0.22 lbs
Connection:	hose liner 3/4”

0201-215



4 Hose clamp

Stainless steel hose clamp to fix hoses at the pump outlet connection and accessories.

	Nominal diameter:	
Ear clamp	3/4”	**0301-257**



9 Drum adapter PP

For securing the B2 pump in the drum or container opening.

For pump tube:	For pump type:		
ø 1.26 inch	PP-SL 32	ø 2.23 inch	**0208-009**
ø 1.10 inch	SS-SL 28	ø 2.23 inch	**0208-010**



10 Emission proof drum adapter

To prevent emission of dangerous gases when using a drum pump, so protecting the operator, the environment and the drive motor from hazardous, aggressive gases and vapors. Two venting valves ensure pressure compensation between inside of the drum and surrounding atmosphere.

Connection for gas displacement pipe: 3/8”, Screw-in thread: 2” outer thread, Seals: FPM

Material:	For pump type:	
PP	PP-SL 32	**0204-251**



12 Foot strainer

Made of PP for mounting onto the pump foot. Keeps impurities away from the rotating parts.

Material:	For pump tube:	
PP	ø 1.26 inch	**0204-539**



14 Wall bracket

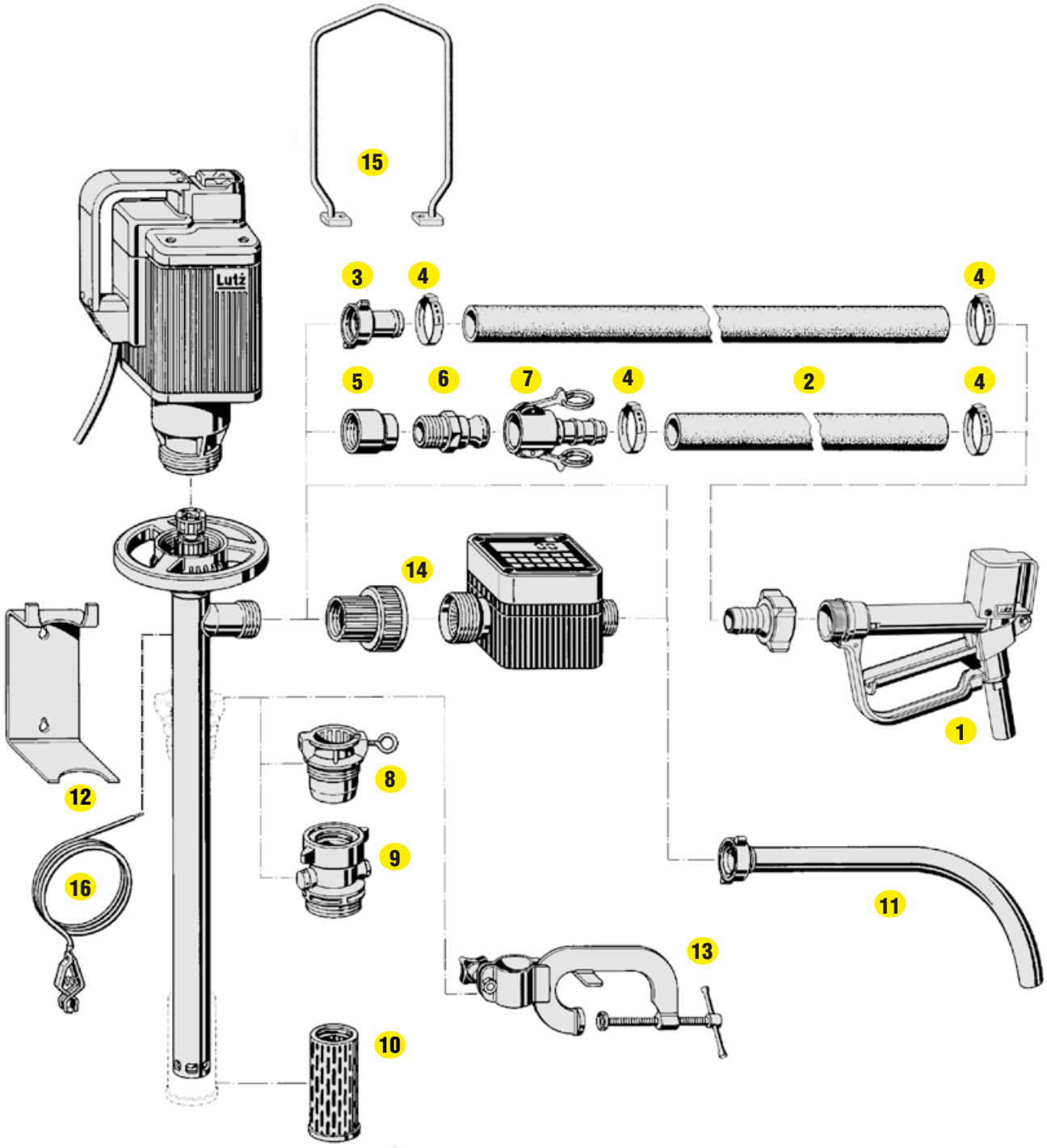
For storage of Lutz B2 Vario drum and laboratory pump.
The wall bracket helps to protect pumps from damage and maintain their value.

For pump Lutz B2 Vario	**0102-079**
for Lutz MD-200	**0102-088**



Accessories Lutz Drum and Container Pumps

At a glance



1 ●	Nozzle	7	Female hose couplings	13	Side mount clamp
2	Hose	8	Barrel adaptor	14	Flow meter
3	Hose connection	9	Emission proof fume barrier	15	Lifting bail
4	Hose clamps	10	Foot strainer	16	Ground and Bonding wire
5	Reducer	11 ●	Discharge spout		
6	Quick action hose coupling	12	Wall hanger		

● Available for use in Hazardous Location and around flammables (Ex), e.g. ethanol, petrol, Items 1,2,5,6,7,8,9,10,11,13,14,15,16

Specification		Order-No.

Product detail

1 PP nozzle

For filling and transferring neutral and aggressive liquids. With guard and two outlet spouts ø 0.9" (cylindrical) and ø 1/2" (tapered). Polypropylene (PP) housing and valve tappet. FFPM seals on request.



Seals:	**FPM (FPM)**	
Operating pressure:	max. 43.5 psi at 68°F	
Viscosity:	max. 760 cps	
Flow rate:	max. 13.2 GPM (water)	
Temperature of medium:	max. 122 °F	
Weight:	approx. 0.55 lbs	
Connection:	male thread 1 1/4“ BSP	**0204-380**
	hose barb 3/4“	**0204-380-1**
	hose barb 1“	**0204-380-2**
	hose barb 3/4“ with swivel	**0204-380-3**
	hose barb 1“ with swivel	**0204-380-4**
Seals:	**EPDM**	
Connection:	male thread 1 1/4“ BSP	**0204-385**
	hose barb 3/4“	**0204-385-1**
	hose barb 1“	**0204-385-2**
	hose barb 3/4“ with swivel	**0204-385-3**
	hose barb 1“ with swivel	**0204-385-4**
Seals:	**PTFE / Encapsulated Models**	
Connection:	male thread 1 1/4“ BSP	**0204-387**
	hose barb 3/4“	**0204-387-1**
	hose barb 1“	**0204-387-2**
	hose barb 3/4“ with swivel	**0204-387-4**
	hose barb 1“ with swivel	**0204-387-5**

1 PVDF nozzle

For filling and transferring neutral and aggressive liquids. With guard and two outlet spouts ø 0.9" (cylindrical) and ø 1/2" (tapered). Polyvinylidenfluoride (PVDF) housing and valve tappet. PTFE encapsulated FPM. FFPM seals upon request.



Seals:	**FPM (FPM)**	
Operating pressure:	max. 43.5 psi	
Viscosity:	max. 760 cps	
Flow rate:	max. 13.2 GPM (water)	
Temperature of medium:	max. 176 °F	
Weight:	approx. 0.7 lbs	
Connection:	male thread 1 1/4“ BSP	**0204-390**
	hose barb 3/4“	**0204-390-1**
	hose barb 1“	**0204-390-2**
	hose barb 3/4“ with swivel	**0204-390-4**
	hose barb 1“ with swivel	**0204-390-5**

● Suitable for transferring combustible and flammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Accessories Lutz Drum and Container Pumps

Dispensing Nozzles, Hoses

Product detail	Specification	Order-No.
	**1 Stainless steel nozzle** Ideally suitable for filling and transferring liquids - also for combustible and flammable liquids - in food and pharmaceutical industry. Stainless steel (316) housing and valve tappet. With guard and swivel. FFPM seals on request. **Seals:** **FPM (FPM)** Operating pressure: max. 43.5 psi Viscosity: max. 760 cps Flow rate: max. 13.2 GPM (water) Temperature of medium: max. 176 °F Weight: approx. 2.2 lbs Connection: male thread 1 1/4“ BSP with swivel hose barb 3/4“ with swivel hose barb 1“ with swivel hose barb 1 1/4“ with swivel **Seals:** **PTFE / Encapsulated Models** Connection: male thread 1 1/4“ BSP with swivel hose barb 3/4“ with swivel hose barb 1“ with swivel hose barb 1 1/4“ with swivel	**0204-370** ● **0204-370-1** ● **0204-370-2** ● **0204-370-3** ● **0204-377** ● **0204-377-1** ● **0204-377-2** ● **0204-377-3** ●
	**1 Brass nozzle** Brass housing and valve tappet, nickel-plated. PTFE seals. With guard and swivel. For filling and transferring solvents and neutral liquids. Operating pressure: max. 58 psi Viscosity: max. 760 cps Flow rate: max. 21.1 GPM (water) Temperature of medium: max. 176 °F Weight: approx. 1.32 lbs Connection: hose barb 1“	**0372-502-1** ●
	**1 Aluminium nozzle with swivel** For filling and transferring fuel and diesel oil. Aluminium housing and valve tappet. NBR seals. With guard and swivel. Operating pressure: max. 58 psi Viscosity: max. 760 cps Flow rate: max. 15.9 GPM (water) Temperature of medium: max. 140 °F Weight: approx . 0.88 lbs Connection: hose barb 1“	**0372-250-1**
	**2 PVC hose** Transparent PVC hose for non flammable liquids. Operating pressure: max. 87 psi Temperature of medium: 32°F up to 140 °F Nominal diameter 3/4” 1” 1 1/4"	**0374-423** **0374-424** **0374-425**
	**2 Electrically conductive hoses with couplings** Caution: Electrical conductivity is assured through the use of break-resistant textile copper threads in the rubber coating. If correctly installed, resistance during the entire life of these will remain below 10^6 ohms.	**Contact factory for details**

● Suitable for transferring combustible and flammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Specification			Order-No.	Product detail
2 Universal chemical hose Color coding: “blue/white/blue”. Suitable for 95% of all customary industrial chemicals such as almost all acids and alkalis, mineral oil products and solvents of all kinds. Foodstuff conformity of inner layer. Internal finish: Smooth special lining of ultra high molecular polyethylene (U-PE) with spiralled OHM conductive stripes, electrically conductive. External finish: Electrically conductive EPDM. Light grey with OHM conductive stripes, tin-plated steel wire filament (from DN 25). Type Ω/T smaller than 10^6 Ohm (acc. to DIN EN 12115:2011).				
Operating pressure: Temperature of medium: Nominal diameter:	max. 232 psi -22 °F up to 212 °F 1”		**Contact factory for details**	
3 Hose connection included with pumps				
Material:	PP all other models	3/4" 1"		
4 Hose clamps Stainless steel hose clamp to attach hoses/accessories to the pump outlet.				
Nominal diameter:	11/16" to 1 1/4"	3/4“ 1“ 1 1/2“	**0000-002** **0000-001** **0000-003**	
5 Reducer To connect quick action hose coupling with pump tube. Female thread 1 1/4“ BSP female x 1“ NPT female				
Material:	Stainless steel PP		**0372-019** ● **0204-072**	
6 Quick action hose coupling Male adapter				
Material:	Stainless steel PP	1“ male 1“ male	**0372-024** ● **0372-026**	
7 Female hose coupling Ensure rapid, water-tight and leakproof connection between pump and hose. Available in stainless steel and polypropylene.				A complete quick-action hose coupling is consisting of reducer plus female and male coupling element.
Material:	Stainless steel PP	1" Seal FEP/EPDM 1" Seal FPM	**0372-025** ● **0372-027**	
8 Barrel adaptor Barrel adapter stabilizes the different model pumptubes in 2" NPT drum and container openings. These are available for all models.				
For pump tubes:	PP, PVDF, MMS/MSL, Alu SS, SS, MP SS, RE 88 SS		**0208-007** **0204-215** ●	
8 Barrel adaptor in galvanized steel Barrel adapter stabilizes the different model pumptubes in 2" NPT drum and container openings. These are available for all models.				
For mixing pump tube PP B70V			**0208-013** **0204-169** ●	

● Suitable for transferring combustible and flammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Accessories Lutz Drum and Container Pumps

Emission proof fume barrier



To permit reliable application, emission protection for "on site" pumping operations must be made as convenient as possible under practical conditions. The Lutz fume barrier achieves more for the user with less work:

- ✓ All that is needed is a single drum adapter with two integrated valves.
- ✓ Due to "active seal", emission protection is guaranteed even in the event of wear and tear, damage or pump tube diameter tolerances.
- ✓ The lower part of the adapter can be adapted to varying thread and diameter sizes in container openings.
- ✓ Simple installation using a plug-in-connection for individual adaption.
- ✓ Stability ensured by integrated spring loaded mechanism.
- ✓ Suitable container cup for container emptying available.
- ✓ Larger air valves facilitate pressure equalization by the fast emptying of containers.

Product detail





Specification		Order-No.
9 Emission proof fume barrier		
To prevent emission of dangerous gases when using a drum pump, so protecting the operator, the environment and the drive motor from hazardous, aggressive gases and vapors. Two venting valves ensure pressure compensation between the inside of the drum and surrounding atmosphere. Connection for gas displacement pipe: 3/8" female; 2" male bung thread. Seals: FPM or EPDM. Available also with PTFE/Encapsulated FPM.		
Material	Pump tube diameter	
PP	1.58 and 1.62 inches	**0204-250**
Brass	1.62 inches	**0204-252** ●
Stainless steel	1.62 inches	**0204-253** ●
Hose assembly fume barrier		
needed for sealles pump tubes		**0204-272**

● Suitable for transferring combustible and flammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Accessories Lutz Drum and Container Pumps

Foot strainers, Discharge spout, Wall hanger, Side mount clamp

Specification			Order-No.	Product detail

10 Foot strainer

Available in PP, PVDF and stainless steel, for mounting over the pump foot.
Keeps impurities away from the rotating parts.

Material	Pump tube	Order-No.
PP	PP dia. 1.62“	**0343-177**
PVDF	PVDF and HC dia. 1.62“	**0343-187**
Stainless steel	SS dia. 1.62“	**0204-617** ●
Stainless steel	B70V	**0204-802** ●



11 Discharge spout

Serving to transfer and fill liquids directly into other vessels. They are available in PP, aluminium and stainless steel and are threaded onto the pump outlet connection.

Material	Nominal diameter	Wing nut	Order-No.
PP	3/4“	1 1/4“	**0204-200**
Alu	1“	1 1/4“	**0204-373**
SS	1“	1 1/4“	**0204-225** ●
SS	1 1/2“ (for B70V)	1 1/2“	**0204-226** ●



12 Wall hanger

For storage of drum pumps. This accessory helps protect pumps from damage, and prolongs the life of the pump tube.

This is shipped with all M-series pump tubes. **0204-308**



12 Wall hanger

For storage of drum pumps.

	Order-No.
B70V D/DA	**0204-309**
B70V-SR	**0204-307**



13 Side mount clamp

The side mount clamp secures the drum pumps in open-topped drums and containers.
Suitable for various pump tube diameters.

For pump tubes	Order-No.
PP, Alu, SS, PVDF and HC	**0205-040**
For pump tube B70V dia 52 – 2	**0205-052**



● Suitable for transferring combustible and flammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Accessories Lutz Drum and Container Pumps

Flow meter, Lifting bail, Ground and Bonding wire

Product detail	Specification	Order-No.



14 **Electronic flow meter, TR series**

For easy and precise flow rate measuring of various liquids.
Ease of handling, compact design and ideally to combine with all drum and container pumps (connection 1“ or 1 1/4“), available in polypropylene (PP) or polyvinylidenefluoride (PVDF).

For more details request leaflet 9000-124 rev.



14 **Modular electronic flow control system, TS series**

For metering all kinds of liquids.
Wide range of applications: Connect directly at the drum pump, remote or in-line operation possible.
Convenient pre-setting of required volume using a touch screen display. Multilingual menus and simple plain-text operation. A comprehensive range of system components offers practical problem solutions.
Two standard and three explosion-proof meter versions are available.

For more details request leaflet 9000-124 rev.



15 **Lifting bail**

To simplify the process of lifting the pump in and out of drums and containers.
When using an explosion-proof driving motor the Ex-protective plug is mounted onto the lifting device.

for B55-T	**0211-047**
for B4/GT	**0214-196**
for B70V D/DA with three phase (gear) motor	**0175-621**
for B70V with pneumatic motor	**0172-619**



16 **Ground and Bonding wire**

Serves to create electrically counductive connection between explosion-proof pump and container as earthing and ground and bonding function.

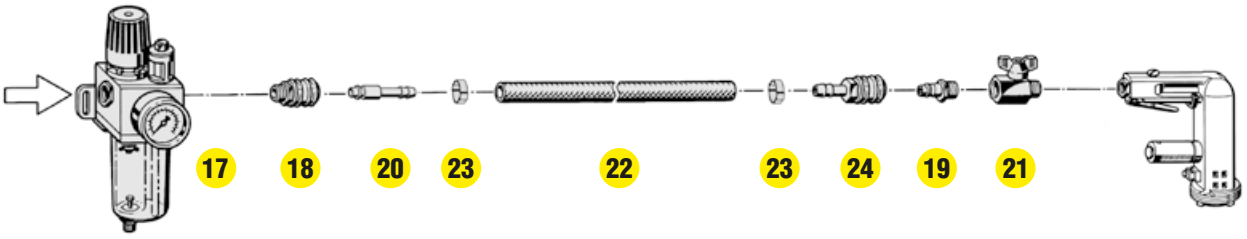
Ground wire 6“	**0204-994** ●
Bonding wire 10“	**0204-995** ●

● Suitable for transferring combustible and flammable liquids (e.g. ethanol, petrol) or in explosive hazard area.

Accessories Lutz Drum and Container Pumps

For use with compressed air motors

Specification	Order-No.	Product detail



17 **Maintenance unit**

For cleaning and oiling the air supply. Filter, lubricator and regulator with gauge for setting operating pressure.

Motor:	
4 GT	**0204-152-1**
MD-1/MD-2	**0204-152-2**
DA-Motors	**0204-152-3**



18 **Coupling female part**

Self-disconnecting in brass.

3/8“ male thread **0372-154**



19 **Nipple (male part)**

In brass 3/8“ male thread **0372-045**



20 **Air hose coupling connector**

In brass, for connection to an existing compressed air supply with coupling.

For compressed air hose 1/2“ **0372-039**



21 **Stop valve**

Chromium-plated brass for regulating the compressed air as well as the speed of the compressed air motors.

3/8“ male thread / 3/8“ female thread **0372-043**



Accessories Lutz Drum and Container Pumps

Compressed air hose, Hose clips, Coupling

Product detail	Specification	Order-No.
	**22 Compressed air hose** hose (rubber material) with intermediate woven layer, 1/2", for air supply to compressed air motors. Operating pressure: 3/8“ max. 100 psi	**0313-154**
	**23 Hose clips** For compressed air hose 1/2“	**0301-256**
	**24 Coupling (female part)** Self-disconnecting in brass, with hose connector 1/2" For compressed air hose 1/2"	**0372-167**
	**M-Tool** Special design for repair of Models MMS/MSL-SS, RE88-SS and MPMS-SS	**0201-008**

Accessories Lutz Drum and Container Pumps

Accessories for eccentric screw pump B70V-H

Specification	Order-No.	Product detail
Hose connection DN 38 to Tri-Clamp DN 50	**0172-746**	
Adapter fitting Tri-Clamp DN 50 for thread DIN 11851 Rd 78 x 1/6 (DIN 405)	**0172-747**	
Fastener bracket Tri-Clamp DN 50 (DIN 32676) 1.4401 with seal EPDM	**0172-745**	
Discharge spout Tri-Clamp DN 50	**0172-748**	
Pump foot for drum inliner	**0172-771**	

Required accessories for use in hazardous locations

1. Bonding wire
2. Ground wire
3. Conductive hose, (10^6 Ohm)
4. Conductive fitting of the hose into hose connector
5. Metal pump tube for zone „0“ in Stainless steel or Hastelloy „C“
6. Explosion-proof motor Lutz Silver Star or MD-1/MD-2/MD-3 (Ex) air motors
7. Nozzle in Stainless steel (handregulated)
8. Flow control system (Ex)
9. Emission proof fume barrier



■ **Bonding** is the electrical interconnection between containers (such as drum and a receiving can). Bonding must be completed before pumping begins. For better conductivity paint and dirt shall be removed from the contact points.

■ **Grounding** is the electrical connection between a container and a ”constant ground”. A ”constant ground“ would be a metal pipe (water pipe) or rod in contact with the earth. An underground tank and piping connected to it would be inherently grounded by nature of the installation.

■ Both **Bonding** and **Grounding** of containers of flammable liquids are required under U.S. Government OSHA regulations and National Fire Protection Association Code 77, static electricity.

■ Metal pumps in stainless steel or Hastelloy C and pump motor must be bonded to metal container or grounded, if used with plastic container. Normal safety procedures must be followed at all times when operating any piece of machinery.

Notes







Lutz offers the optimum solution for professional Fluid Management

Drum and Container Pumps · Flow Meters · Double Diaphragm Pumps

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