

FES1162500100

FESTO

VOLKSWAGEN OF SA (VC 3055)
VENDOR CODE 3055
ALGOA ROAD
UITENHAGE
6229

For all requests please indicate customer number and delivery note number

Customer number	Delivery note number	Our Order number	Festo consultant
0017040192	1162500100	2170519753	Didactic Sales

Delivery note
1162500100

Date
14 September 2016

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11 of 11

Contact Department
Mrs. L. Hocking

Didactic
Phone ++27 (0) 11-971-5
Fax ++27 (0) 11-974-9
liane.hocking@za festo co

Description	Part number	Qty	Net price per unit
Item 0340 GR-QS-4 1-way contr.val	193967	4	293,40 ZAR
Item 0350 D:AS-PUN-4X0,75-10M Plastic tubing Version (type): 4 x 0.75 silver 10 m	151496	2	165,60 ZAR
Number of packages 1			
Total weight 23,011 KG			
Your signature signifies that the goods were sold in accordance with our conditions of sale, which are printed on the reverse side hereof			
Interest at 2% per month will be charged on all overdue accounts			
Goods may only be returned for credit by prior arrangement and are subject to handling charges unless due to supplier error			

Received by

Name

Signature

Date

10-16



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Description	Part number	Qty	Net price per unit
fitting - Operating pressure 150 - 800 kPa (1.5 - 8 bar) - Quick-Fix® safety and quick action mounting system for slotted profile plates Item 0320 D:TP-BG-VUVG-M52-QS4 5/2-way solenoid valve with LED Pilot actuated, single solenoid piston spool valve with pneumatic spring return, non-detenting and detenting manual override, and LED. - Electrical connection via integrated 4 mm safety sockets - 24 V DC power supply - Switching time on/off 7/19 ms - Pneumatic connection via QS-4 push-in fitting - Operating pressure 250 - 800 kPa (2.5 - 8 bar) - Quick-Fix® safety and quick action mounting system for slotted profile plates	567199	1	2.782,08 ZAR
Item 0330 D:TP-BG-VUVG-B52-QS4 Pilot actuated, double solenoid piston spool valve with non-detenting and detenting manual override, and LED. - Electrical connection via integrated 4 mm safety sockets - 24 V DC power supply - Response time 7 ms - Pneumatic connection via QS-4 push-in fitting - Operating pressure 150 - 800 kPa (1.5 - 8 bar) - Quick-Fix® safety and quick action mounting system for slotted profile plates	567200	2	3.146,40 ZAR



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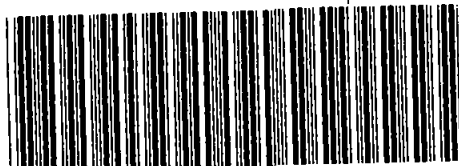
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Description	Part number	Qty	Net price per unit
T-connector (Quick Star quick push-in fitting) Precision push-pull connector for quick and easy preparation of junctions, for plastic tubes, 4 mm outside diameter (calibrated). Simply "plug and work". - Flexible assembly - all fittings can be rotated 360° around the threaded part - Absolutely safe and secure - with an NBR plastic seal - Multiple use - thread with self-sealing coating Minimum order quantity/packaging unit quantity: 10 pieces (prices per piece) Type 8 T-connector (QST-4) (order no. 153128) Type. 8			
Item 0280 QSK-M5-4 CONNECTOR M-S/SEAL	153291	2	171,90 ZAR
Item 0290 QSM-M5-4 Push-in fitting	153304	10	7,92 ZAR
Item 0300 QSK-1/8-4 CONNECTOR M-S/SEAL	153419	2	93,60 ZAR
Item 0310 D:TP-BG-VUVG-2X32C-QS4 2 x 3/2-way solenoid valve with LED, normally closed Pilot actuated, single solenoid piston spool valve with pneumatic spring return, non-detenting and detenting manual override, and LED. - Electrical connection via integrated 4 mm safety sockets - 24 V DC power supply - Switching time on/off 6/16 ms - Pneumatic connection via QS-4 push-in	567198	1	3.245,76 ZAR



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Description	Part number	Qty	Net price per unit
Item 0210 D:AS-PUN-4X0,75-10M Plastic tubing Version (type): 4 x 0.75 silver 10 m	151496	2	165,60 ZAR
Item 0220 D:AS-PUN-6X1,0 - 5M Plastic tubing Version (type): 6 x 1 silver 5 m	152963	1	132,48 ZAR
Item 0230 QST-4 T-connector (Quick Star quick push-in fitting) Precision push-pull connector for quick and easy preparation of junctions, for plastic tubes, 4 mm outside diameter " (calibrated). Simply "plug and work". - Flexible assembly - all fittings can be rotated 360° around the threaded part - Absolutely safe and secure - with an NBR plastic seal - Multiple use - thread with self-sealing coating Minimum order quantity/packaging unit quantity: 10 pieces (prices per piece) Type 8 T-connector (QST-4) (order no. 153128) Type: 8	153128	10	68,37 ZAR
Item 0240 QSL-1/8-4 Push-in L-fit	153045	10	9,36 ZAR
Item 0250 QSM-M3-4-I Push-in fitting	153314	10	11,52 ZAR
Item 0260 QSM-4 STRAIGHT CONNECTOR	153324	10	10,44 ZAR
Item 0270 QST-4	153128	10	14,22 ZAR



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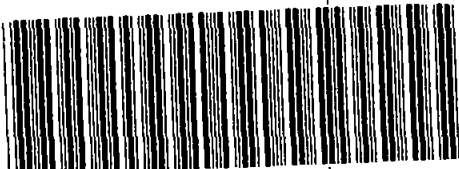
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Description	Part number	Qty	Net price per unit
5/2-way double pilot valve, pneumatically actuated at both ends Directly actuated, bistable piston spool valve. Quick push-in connector for plastic tubing PUN-4 x 0.75 and for internally or externally calibrated hoses. Quick action mounting system Quick-Fix® for slotted profile plates. Symbol, port identification and position of connection as per DIN ISO 1219. - Operating pressure -90 – 1000 kPa (-0.9 – 10 bar) - Pilot pressure 150 – 1000 kPa (1.5 – 10 bar) - Suitable for vacuum and reverse operation			
Item 0180 D:TP-BG-OS-1/8-Q4 OR gate (shuttle valve), precision, quick action push/pull connector for plastic tubing PUN-4 x 0,75 for inside/outside calibrated tubes, and secure click-on system Quickfix for the profile plates Pressure range: 100 to 1000 kPa (1 to 10 bar) Nominal flow rate X, Y	539771	1	745,20 ZAR
Item 0190 D:TP-BG-ZK-1/8-Q4 Logical AND operation, AND gate, precision, quick action push/pull connector for plastic tubing PUN-4 x 0,75 for inside/outside calibrated tubes, and secure click-on system Quickfix for the profile plates. Pressure range: 100 to 1000 kPa (1 to 10 bar) Nominal flow rate X, Y	539770	2	745,20 ZAR
Item 0200 GR-QS-4 1-way contr.val	193967	2	293,40 ZAR



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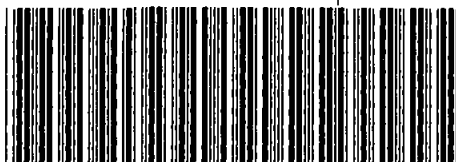
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Description	Part number	Qty	Net price per unit
Pressure range: -95 to 800 kPa (-95 to 8 bar) Nominal flow rate: 1(P) l/min Working pressure: at 600 kPa (6 bar) 6 N Item 0150 D:S-PSV-RS-3-1/8 Poppet valve - indirectly actuated, with return spring, precision quick action push/pull connector for plastic tubing PUN-4 x 0,75 for inside/outside calibrated tubes, secure click-on swiveling system for the profile plates to enable individual adjustment Pressure range: 350 to 800 kPa (3,5 to 8 bar) Nominal flow rate. 1 (P) l/min Working pressure at 600 kPa (6 bar) 1,8 N	152866	1	1.026,72 ZAR
Item 0160 D:P-BG-VUWG-M5/2-Q4 5/2-way valve, pneumatically actuated at one end Directly actuated monostable piston spool valve with mechanical spring return. Quick push-in connector for plastic tubing PUN-4 x 0.75 and for internally or externally calibrated hoses. Quick action mounting system Quick-Fix® for slotted profile plates. Symbol, port identification and position of connection as per DIN ISO 1219. - Operating pressure -90 - 1000 kPa (-0.9 - 10 bar) - Pilot pressure 150 - 1000 kPa (1.5 - 10 bar) - Suitable for vacuum and reverse operation	576307	1	1.920,96 ZAR
Item 0170 D:P-BG-VUWG-B5/2-Q4	576303	3	1.904,40 ZAR



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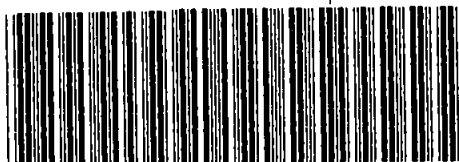
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Description	Part number	Qty	Net price per unit
Item 0120 D:S-PSV-3/2-S-3+T 3/2-Way-Panel mounted with Pushbutton Actuator, normally closed Poppet valve – directly actuated, with return spring, precisionquick action push/pull connector for plastic tubing PUN-4 x 0,75 for inside/outside calibrated tubes, quick and secure click-on system Quickfix for the profile plates. - Actuation: Pushbutton - Pressure range: -95 to 800 kPa (-95 to 8 bar) - Nominal flow rate: 1(P) 60 l/min - Working pressure: at 600 kPa (6 bar) 6 N	152860	2	927,36 ZAR
Item 0130 D:S-PSV-5/2-S+SO+S Poppet valve - directly actuated, with return spring, precisionquick action push/pull connector for plastic tubing PUN-4 x 0,75 for inside/outside calibrated tubes, quick and secure click-on system Quickfix for the profile plates Actuation: Selector swit Pressure range: -95 to 800 kPa (-95 to 8 bar) Nominal flow rate: 1(P) à 2 (A) 60 l/min Working pressure: at 600 kPa (6 bar) 6 N	152862	1	1.606,32 ZAR
Item 0140 D:S-PSV-3/2-S-3+S Poppet valve - directly actuated, with return spring, precisionquick action push/pull connector for plastic tubing PUN-4 x 0,75 for inside/outside calibrated tubes, quick and secure click-on system Quickfix for the profile plates Actuation: Selector switch	152863	1	1.109,52 ZAR



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Description	Part number	Qty	Net price per unit
<ul style="list-style-type: none">- Electrical connection: 4 mm safety socket- Quick action mounting system Quick-Fix® <p>Item 0090 D:H-BG-4/2W-MV-IMPULS 4/2-way double solenoid valve, detenting</p>	544352	2	8.826,48 ZAR
<p>Item 0100 D:H-BG-DBV-AUSGEGL+RV Pressure relief valve, compensated The valve limits the pressure at port P relative to the pressure at T to the set value. Pressure on T has no effect on this value because the spring chamber of the pressure relief is compensated.</p> <ul style="list-style-type: none">- Adjustment: manual- Includes non-return valve- Operating pressure 6 MPa (60 bar)- Maximum permissible pressure 12 MPa (120 bar)- Low-leakage, self-sealing coupling nipples- Quick action mounting system Quick-Fix®	567237	1	6.011,28 ZAR
<p>Item 0110 D:H-BG-DRZV 3-way pressure reduction valve The valve keeps the set pressure at port A constant, compensating for fluctuations in supply pressures and loads from consumers. If the pressure at A rises above the set value, a connection opens from A to T.</p> <ul style="list-style-type: none">- Adjustment: manual- Operating pressure 6 MPa (60 bar)- Maximum permissible pressure 12 MPa (120 bar)- Low-leakage, self-sealing coupling nipples- Quick action mounting system Quick-Fix®	544337	1	6.739,92 ZAR



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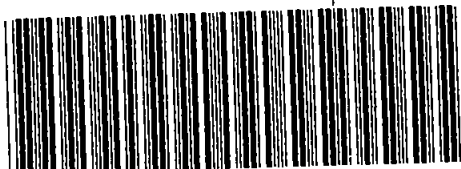
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Description	Part number	Qty	Net price per unit
Maximum permissible pressure 12 MPa (120 bar) Low-leakage, self-sealing coupling nipples Quick action mounting system Quick-Fix®			
Item 0050 D:H-BG-4/2W-HHV-PB-AT 4/2-way hand lever valve, spring return	544342	2	9.091,44 ZAR
Item 0060 D:H-BG-4/3W-HHV-ABT-VERB 4/3-way hand lever valve, relieving mid-position (AB→T), detenting	544344	2	9.886,32 ZAR
Item 0070 D.ETER1-MOD-RELAY ER unit Relay, 3-fold, 4 changeover switches, electricity supply rail, mass flow rail, ports for 4 mm safety plugs. Mounting with protection against accidental contact with a built-in lock grid ledge in the fixture for electrical port and control unit or else with plug-in adaptors for the profile plate Contact load: max. 5 A Cut-off load: max. 90 W Pick-up time: 10 ms Drop-off time: 8 ms	✓ 162241	2	3.742,56 ZAR
Item 0080 D:H-BG-4/2W-MV-PB-AT 4/2-way solenoid valve, spring return - Actuation: switching solenoid - Operating pressure 6 MPa (60 bar) - Maximum permissible pressure 12 MPa (120 bar) - Valve port pattern, hydraulic ISO/DIN 4401 size 02 - Low-leakage, self-sealing coupling nipples - 24 V DC power - 6.5 W output	✓ 544346	2	7.915,68 ZAR



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Description	Part number	Qty	Net price per unit
Item 0020 D:H-BG-ABSV Pressure sequence valve The valve connects P with T if the pressure at X is larger than the sum of the spring force and the pressure in port T. - Adjustment: manual - Operating pressure 6 MPa (60 bar) - Maximum permissible pressure 12 MPa (120 bar) - Low-leakage, self-sealing coupling nipples - Quick action mounting system Quick-Fix®	544341	1	6.905,52 ZAR
Item 0030 D:H-BG-DV-R One-way flow control valve The valve is used to influence the volumetric flow rate through an adjustable throttle point, in one direction. In the opposite direction, the throttle is bypassed using the non-return valve. - Actuation: manual - Integrated non-return valve - Operating pressure 6 MPa (60 bar) - Maximum permissible pressure 12 MPa (120 bar) - Low-leakage, self-sealing coupling nipples/quick coupling socket	152843	1	3.411,36 ZAR
Item 0040 D:H-BG-RSV-ENTSP The valve is closed by a locking cone which is pressed against the seat by a spring. The locking cone does not open until X is activated. When the opening pressure on the seat side is exceeded, the valve opens and fluid can flow through it. Actuation: hydraulic Operating pressure 6 MPa (60 bar)	544339	1	5.216,40 ZAR

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Shipping type	Packed by	Checked by
21 / Carrier		
Sales Office	Time	
1701 Johannesburg	14.28	

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Your order 4500256383 of 23.08.2016

Deliver to:

Volkswagen South Africa (Pty) Ltd
Plant "B"
Kelvin Street
Uitenhage
6230

P. L. 205

Deliver to: *Ronald Nel 041 994 4533*
Gerald Hooper 083 320 2701

Volkswagen South Africa (Pty) Ltd
Plant "B"
Kelvin Street
Uitenhage
6230

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Reg No 1973/003776/07
VAT Reg No 4350101004

Directors
Mr KJM Heckl * Dr OJ Schott**
B C Wallace (Managing)
*German **Swiss

Regional Offices at

Bloemfontein
Cape Town
Durban
East London
Pietermaritzburg
Port Elizabeth
Pretoria
Vereeniging

Description	Part number	Qty	Net price per unit
Item 0010 D:H-BG-DBV-RV Pressure relief valve The valve limits the pressure at port P relative to the pressure at T to the set value. - Adjustment: manual - Includes non-return valve - Operating pressure 6 MPa (60 bar) - Maximum permissible pressure 12 MPa (120 bar) - Low-leakage, self-sealing coupling nipples - Quick action mounting system Quick-Fix®	544335	2	5.845,68 ZAR

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