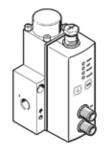
## proportional pressure regulator VPPL-3L-3-G14-0L40H-V1-V-S1-7 Part number: 1635980

## **FESTO**



## **Data sheet**

Nominal diameter, exhaust     2.5 mm       Nominal diameter, exhaust     2.5 mm       Type of actuation     electrical       Sealing principle     soft       Assembly position     Any       Preferably upright     Design structure       Short circuit strength     No       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of reset     mechanical spring       Type of display     LED display       Pressure regulation range     0.440 bar       Nax. pressure thysteresis     0.3 bar       Max. pressure thysteresis     0.3 bar       Data protected     0.8 lybar       Standard nominal flow rate     0.8 lybar       Switching time off     550 ms       Switching time on     300 ms       Operating voltage range DC     21.6 27.6 V       Duty cycle     10%       Signal range, analogue input     0 - 10 V       Signal range, analogue output     0 - 10 V       Signal range, analogue output     0 - 10 V       Signal range, analogue output     0 - 10 V <th>Feature</th> <th>values</th>	Feature	values
Type of actuation     electrical       Sealing principle     soft       Assembly position     Any       Preferably upright     Preferably upright       Design structure     directly-controlled piston regulator       Short circuit strength     No       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of pioting     direct       Valve function     3-way closed proportional-pressure regulator       Type of display     LED display       Pressure regulation range     0.440 bar       Inlet pressure 1     050 bar       Max, pressure hysteresis     0.3 bar       b value     0.25       C value     0.8 l/sbar       Standard nominal flow rate     300 ms       Operating voltage range DC     21.6 27.6 V       Duty cycle     100%       Max. electrical power consumption     26.7 W       Residual ripple     10 %       Signal range, analogue output     0 - 10 V       Stephanity ender     2 00%       Signal range, analogue output     0 - 10 V <td>Nominal diameter, pressurisation</td> <td>2.5 mm</td>	Nominal diameter, pressurisation	2.5 mm
Gealing principle     soft       Assembly position     Any       Preferably upright     Preferably upright       Design structure     directly-controlled piston regulator       Short circuit strength     No       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of pioting     direct       Valve function     3-way closed proportional-pressure regulator       Type of display     LED display       Pressure regulation range     0.4 40 bar       Inlet pressure 1     0 50 bar       Max. pressure hysteresis     0.3 bar       b value     0.25       C value     0.8 Usbar       Switching time off     550 ms       Switching time on     300 ms       Operating voltage range DC     21.6 27.6 V       Duty cycle     10%       Signal range, analogue output     0 - 10 V       Signal range, analogue output		2.5 mm
Seating principle     soft       Assembly position     Any       Preferably upright     Preferably upright       Design structure     directly-controlled piston regulator       Short circuit strength     No       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of pioting     direct       Valve function     3-way closed proportional-pressure regulator       Type of display     LED display       Pressure regulation range     0.4 40 bar       Inlet pressure 1     0 50 bar       Max. pressure hysteresis     0.3 bar       b value     0.25       C value     0.8 l/sbar       Standard nominal flow rate     300 l/min       Switching time off     550 ms       Switching time on     300 ms       Operating voltage range DC     21.627.6 V       Duty cycle     10%       Signal range, analogue output     0 - 10 V       Signal range, analogue output     0 - 10 V       Signal range, analogue output     0 - 10 V       Signal range, analogue output     <	Type of actuation	electrical
Assembly position   Any     Preferably upright     Design structure   directly-controlled piston regulator     Shot circuit strength   No     Safety instructions   Safety setting VPPL     Polarity protected   for all electrical connections     Type of pioting   direct     Valve function   3-way closed proportional-pressure regulator     Type of display   LED display     Pressure regulation range   0.440 bar     Inlet pressure 1   050 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 fmin     Switching time off   550 ms     Switching time off   550 ms     Switching time off   0.10 %     Signal range, analogue output   0 -10 V     Signal range, analogue output   0 -10 V     Signal range, analogue input   0 -10 V </td <td></td> <td>soft</td>		soft
Preferably upright       Design structure     directly-controlled piston regulator       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of reset     mechanical spring       Type of display     LED display       Pressure regulation range     0.4 40 bar       Inlet pressure 1     0 50 bar       Max. pressure flat     0.25 C       Value     0.25 C       C value     0.25 C       C value     0.25 C       C value     0.25 C       C value     0.20 Sio ms       Switching time off     550 ms       Switching time off     50 ms       Switching time off     50 ms       Signal range, analogue output     0 - 10 V       Signal range, analogue output     0 - 10 V       Signal r		Any
Design structure     directly-controlled piston regulator       Short circuit strength     No       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of picting     direct       Valve function     3-way closed proportional-pressure regulator       Type of display     LED display       Pressure regulation range     0.440 bar       Inlet pressure 1     050 bar       Max. pressure hysteresis     0.3 bar       b value     0.25       C value     0.8 Usbar       Standard nominal flow rate     300 Imin       Switching time off     550 ms       Switching use ange DC     21.6 27.6 V       Duty cycle     100%       Residual ripple     10 %       Signal range, analogue output     0 - 10 V       Signal range, analogue input     0 - 10 V       Signal range, analogue inpu		
Short circuit strength     No       Safety instructions     Safety setting VPPL       Polarity protected     for all electrical connections       Type of reset     mechanical spring       Type of reset     mechanical spring       Type of display     LED display       Valve function     3-way closed proportional-pressure regulator       Type of display     LED display       Pressure regulation range     0.4 40 bar       Intel pressure 1     0 50 bar       Max. pressure hysteresis     0.3 bar       b value     0.25       C value     0.8 l/sbar       Standard nominal flow rate     300 l/min       Switching time off     550 ms       Switching time off     550 ms       Operating voltage range DC     21.6 27.6 V       Duty cycle     100%       Max. electrical power consumption     28.7 W       Residual ripple     10 %       Signal range, analogue output     0 - 10 V       Signal range, analogue output     0 - 10 V       Signal range, analogue input     0 - 10 V       Signal range, analogue input     0	Design structure	
Polarity protected   for all electrical connections     Type of pioting   direct     Valve function   3-way closed proportional-pressure regulator     Type of display   LED display     Pressure regulation range   0.440 bar     Inlet pressure regulation range   0.440 bar     Value   0.256     C value   0.257     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time off   300 ms     Operating voltage range DC   21.627.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue output   0 - 10 V     Signal range, analogue output   0 - 10 V     Operating medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC		
Polarity protected   for all electrical connections     Type of preset   mechanical spring     Type of pioting   direct     Valve function   3-way closed proportional-pressure regulator     Type of display   LED display     Pressure regulation range   0.4 40 bar     Inlet pressure regulation range   0.4 40 bar     Inlet pressure regulation range   0.2.50 bar     O zalue   0.256     C value   0.2.65     C value   0.8 l/sbar     Switching time off   550 ms     Switching time off   550 ms     Switching time off   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Corrosion resistance classification CRC   2 - Moderate corosion stress     Note o	Safety instructions	Safety setting VPPL
Type of reset   mechanical spring     Type of piloting   direct     Valve function   3-way closed proportional-pressure regulator     Type of display   LED display     Pressure regulation range   0.440 bar     Inlet pressure 1   050 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.627.6 V     Duty cycle   100%     Max. electrical power consumption   28.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating woltawer   2 80 °C     Operating voltage range   2 60 °C     Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 Moderate corrosion st	Polarity protected	
Valve function   3-way closed proportional-pressure regulator     Type of display   LED display     Pressure regulation range   0.440 bar     Inlet pressure 1   050 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue output   0 - 10 V     Signal range, analogue input   Schareet over former schareet over sc		mechanical spring
Valve function   3-way closed proportional-pressure regulator     Type of display   LED display     Pressure regulation range   0.440 bar     Inlet pressure 1   050 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue output   0 - 10 V     Signal range, analogue input   Schareet over former schareet over sc	Type of piloting	direct
Type of display   LED display     Pressure regulation range   0.440 bar     Inlet pressure 1   050 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed ari in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     Lubricated operation not possible   C     Cerrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity		3-way closed proportional-pressure regulator
Pressure regulation range   0.4 40 bar     Inlet pressure 1   0 50 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time off   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SterPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inet gases   Note on operating and pilot medium     CLubricated operation not possible   CE     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5.0 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g	Type of display	
Inlet pressure 1   050 bar     Max. pressure hysteresis   0.3 bar     b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     Seriar Standard operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Voltage type 0 - 10 V     Operating medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Carrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     A		
b value   0.25     C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     C Carrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded		0 50 bar
C value   0.8 l/sbar     Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     C E mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded	Max. pressure hysteresis	0.3 bar
Standard nominal flow rate   300 l/min     Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded		0.25
Switching time off   550 ms     Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     Signal range, analogue input   0 - 10 V     Sepreting medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     Lubricated operation not possible   CE     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded	C value	0.8 l/sbar
Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Respetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded	Standard nominal flow rate	300 l/min
Switching time on   300 ms     Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Respetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded	Switching time off	550 ms
Operating voltage range DC   21.6 27.6 V     Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     CL discrete operation of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded	-	300 ms
Duty cycle   100%     Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     StepToINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		21.6 27.6 V
Max. electrical power consumption   26.7 W     Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Inert gases     Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded		
Residual ripple   10 %     Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases     Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		26.7 W
Signal range, analogue output   0 - 10 V     Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases     Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded		
Signal range, analogue input   0 - 10 V     SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Note on operating and pilot medium     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		
SETPOINT/ACTUAL values   Voltage type 0 - 10 V     Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Inert gases     Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		0 - 10 V
Operating medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Inert gases   Inert gases     Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded	· · · ·	Voltage type 0 - 10 V
Inert gasesNote on operating and pilot mediumLubricated operation not possibleCE mark (see declaration of conformity)to EU directive for EMCCorrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature5 50 °CProtection classIP65Ambient temperature-10 60 °CProduct weight1,100 gLinearity error in ± %FS1 %FSTemperature coefficient0.04 %/KRepetition accuracy in ± %FS1 %FSDiagnosis interface electrical connectionSocket, M12, 5-pin, A-codedElectrical connection INPlug, M12, 5-pin, A-coded	Operating medium	
Note on operating and pilot medium   Lubricated operation not possible     CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		
CE mark (see declaration of conformity)   to EU directive for EMC     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded	Note on operating and pilot medium	
Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		
Medium temperature   5 50 °C     Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded	, , , , , , , , , , , , , , , , , , ,	2 - Moderate corrosion stress
Protection class   IP65     Ambient temperature   -10 60 °C     Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		5 50 °C
Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		
Product weight   1,100 g     Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded	Ambient temperature	-10 60 °C
Linearity error in ± %FS   1 %FS     Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded	•	
Temperature coefficient   0.04 %/K     Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded	-	
Repetition accuracy in ± %FS   1 %FS     Diagnosis interface electrical connection   Socket, M12, 5-pin, A-coded     Electrical connection IN   Plug, M12, 5-pin, A-coded		
Diagnosis interface electrical connection     Socket, M12, 5-pin, A-coded       Electrical connection IN     Plug, M12, 5-pin, A-coded		
Electrical connection IN Plug, M12, 5-pin, A-coded		
<b>3</b> , <b>1</b>	<u> </u>	
TEIEGUIGAI CONTEGUOTI OUT	Electrical connection OUT	Plug, M12, 5-pin, A-coded
Mounting type with through hole		
Pneumatic connection, port 1 G1/4		



## FESTO

Feature	values
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Materials note	Conforms to RoHS
Materials information, housing	Wrought Aluminium alloy
	Anodised