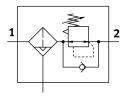
Filter regulator PCRP-64-G14-12-E-R1-VC-T31

FESTO

Part number: 8195728





General operating condition

Data sheet

Actuator lock Adjusting screw with lock Mounting position Condensate drain Fully automatic Structural design Filter regulator with pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume Controller function With primary pressure compensation With secondary exhausting Symbol Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure (0.2 MPa 1.2 MPa Operating pressure (0.5 MPa 1.2 Dear Pressure regulation range O.5 bar 12 bar Amax. pressure hysteresis O.2 MPa Max. pressure hysteresis O.2 bar Max. pressure hysteresis O.2 bar Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Conformity VOMA24364 zone III Storage temperature 10 °C 60 °C Air Quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Air Quality class at the output O °C 60 °C C Product weight Product weight 2285 g	Feature	Value
Actuator lock Adjusting screw with lock Mounting position Vertical +/- 5° Grade of filtration 40 µm Condensate drain Fully automatic Structural design Filter regulator with pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 ml Controller function With primary pressure compensation With secondary exhausting Symbol 00991588 Operating pressure 01/4 prepared Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Pressure regulation range 0.5 bar 12 bar Max. pressure hysteresis 0.02 MPa Max. pressure hysteresis 0.2 Dar Max. standard flow rate Standard nominal flow rate Explosion prevention and protection Operating medium Compressed air as per ISO 8573-1:2010 [-4:-] Inert gas Information on operating and pilot media LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10°C 60°C Anhibit temperature O °C 60°C Product weight Preduct weight 2285 g	Size	64
Mounting position Vertical +/- 5° Grade of filtration 40 µm Fully automatic Structural design Filter regulator with pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 ml Controller function With primary pressure compensation With secondary exhausting Symbol 00991588 Pressure gauge 61/4 prepared 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Max. pressure hysteresis 0.2 MPa Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 2.9 psi Max. at andard flow rate Standard mominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Cone 22 (ATEX) Cone pressure in sper ISO 8573-1:2010 [-:4:-] Inlert gas Information on operating and pilot media LABS (PWIS) conformity VDMA24364 zone III Storage temperature 10 °C 60 °C Ambient temperature 0 °C 60 °C Froduct weight Product weight 2285 g	Series	P
Grade of filtration 40 µm Condensate drain Fully automatic Filter regulator with pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 ml Controller function With primary pressure compensation With secondary exhausting Symbol Operating pressure Operating pressure pre	Actuator lock	Adjusting screw with lock
Fully automatic Structural design Filter regulator with pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 ml Controller function With primary pressure compensation With primary pressure compensation With secondary exhausting Symbol Oop91588 Pressure gauge G1/4 prepared Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Operating pressure 0.5 bar 12 bar Max. pressure hysteresis 0.02 MPa Max. pressure hysteresis 0.2 bar Max. standard flow rate Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zon	Mounting position	Vertical +/- 5°
Structural design Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 ml Controller function With primary pressure compensation With secondary exhausting Symbol 00991588 Pressure gauge G1/4 prepared Operating pressure 0.2 MPa 1.2 MPa Operating pressure 10.5 bar 12 bar Pressure regulation range 0.5 bar 12 bar Max. pressure hysteresis 0.2 MPa Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Standard flow rate Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Cone 21 (ATEX) Zone 22 (ATEX) Cone 23 (ATEX) Cone 24 (ATEX) Cone 25 (ATEX) Cone 26 (ATEX) Cone 27 (ATEX) Cone 27 (ATEX) Cone 28 (ATEX) Cone 29 (ATEX) Cone 29 (ATEX) Cone 20 (ATEX) Cone 20 (ATEX) Cone 20 (ATEX) Cone 21 (ATEX) Cone 21 (ATEX) Cone 22 (ATEX) Cone 21 (ATEX) Cone 22 (ATEX) Cone 21 (ATEX) Cone 22 (ATEX) Cone 22 (ATEX) Cone 23 (ATEX) Cone 24 (ATEX) Cone 25 (ATEX) Cone 26 (ATEX) C	Grade of filtration	40 μm
Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 ml With primary pressure compensation With secondary exhausting Symbol 00991588 Pressure gauge G1/4 prepared Operating pressure 0.2 MPa 1.2 MPa Operating pressure eyulation range 0.5 bar 12 bar Pressure regulation range 0.2 MPa Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Max. standard flow rate Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media LABS (PWIS) conformity VDMA24364 zone III Femperature	Condensate drain	Fully automatic
Max. condensate volume Controller function With primary pressure compensation With secondary exhausting Symbol Operating pressure Operating p	Structural design	Filter regulator with pressure gauge
Controller function With primary pressure compensation With secondary exhausting Operating pressure Operating medium Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Intert gas Information on operating and pilot media Operating with oil lubrication possible VDMA24364 zone III Storage temperature Operating dim pressure Operating medium Operating sat the output Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating dimension on operating and pilot media Operating medium Operating dimension operating and pilot media Operating medium Operating dimension operating operating operating dimension operating operating dimension operating operation operating operation with oil lubrication possible Operating medium Operating dimension operating operation with oil lubrication possible Operating medium Operating dimension operating operation operating operation with oil lubrication operation	Conforms to standard	NACE MR0175/ISO 15156 (housing and bowl)
With secondary exhausting Symbol 00991588 Pressure gauge G1/4 prepared Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Pressure regulation range 0.5 bar 12 bar Max. pressure hysteresis 0.2 MPa Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 2.9 psi Max. standard flow rate 3990 l/min Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Sone 2 (ATEX) Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Ari quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight	Max. condensate volume	30 ml
Pressure gauge Operating pressure pressure hysteresis Operating was a pressure hysteresis Operating medium Opera	Controller function	
Operating pressure Operating medium Oper	Symbol	00991588
Operating pressure 2 bar 12 bar Pressure regulation range 0.5 bar 12 bar Max. pressure hysteresis 0.02 MPa Max. pressure hysteresis 2.9 psi Max. standard flow rate 3990 l/min Standard nominal flow rate 2845 l/min Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight 2285 g	Pressure gauge	G1/4 prepared
Pressure regulation range 0.5 bar 12 bar 0.02 MPa 0.2 bar Max. pressure hysteresis 0.2 psi Max. pressure hysteresis 2.9 psi Max. standard flow rate 3990 I/min Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Cone 22 (ATEX) Cone 22 (ATEX) Cone 25 (ATEX) Cone 25 (ATEX) Cone 25 (ATEX) Cone 26 (ATEX) Cone 27 (ATEX) Cone 27 (ATEX) Cone 28 (ATEX) Cone 29 (ATEX) Cone 29 (ATEX) Cone 29 (ATEX) Cone 20 (ATE	Operating pressure	0.2 MPa 1.2 MPa
Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 2.9 psi Max. standard flow rate 3990 l/min Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight	Operating pressure	2 bar 12 bar
Max. pressure hysteresis Max. pressure hysteresis 2.9 psi Max. standard flow rate 3990 l/min Standard nominal flow rate 2845 l/min Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Inert gas Information on operating and pilot media Operation with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight	Pressure regulation range	0.5 bar 12 bar
Max. pressure hysteresis 2.9 psi Max. standard flow rate 3990 l/min Standard nominal flow rate 2845 l/min Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Compressed air as per ISO 8573-1:2010 [7:4:4] O°C 60 °C Ambient temperature 0 °C 60 °C Product weight	Max. pressure hysteresis	0.02 MPa
Max. standard flow rate Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Depration with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 2285 g	Max. pressure hysteresis	0.2 bar
Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Operation with oil lubrication possible LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium O °C 60 °C Ambient temperature 0 °C 60 °C Product weight	Max. pressure hysteresis	2.9 psi
Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Departion with oil lubrication possible VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight	Max. standard flow rate	3990 l/min
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Information on operating and pilot media Departion with oil lubrication possible VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight	Standard nominal flow rate	2845 l/min
Inert gas Information on operating and pilot media LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight Inert gas Inert gas Operation with oil lubrication possible VDMA24364 zone III Compressed air as per ISO 8573-1:2010 [7:4:4] 0 °C 60 °C 2285 g	Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX)
LABS (PWIS) conformity VDMA24364 zone III Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight 2285 g	Operating medium	
Storage temperature -10 °C 60 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight 2285 g	Information on operating and pilot media	Operation with oil lubrication possible
Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight 2285 g	LABS (PWIS) conformity	VDMA24364 zone III
Temperature of medium 0 °C 60 °C Ambient temperature 0 °C 60 °C Product weight 2285 g	Storage temperature	-10 °C 60 °C
Ambient temperature 0 °C 60 °C Product weight 2285 g	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:4:4]
Product weight 2285 g	Temperature of medium	0 °C 60 °C
	Ambient temperature	0 °C 60 °C
Type of mounting Line installation	Product weight	2285 g
	Type of mounting	Line installation

Feature	Value
Pressure gauge connection	G1/4
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1⁄4
Pneumatic connection 3	G1/8
Material of filter support	РОМ
Note on materials	RoHS-compliant
Material of mounting bracket	High-alloy stainless steel
Seals material	NBR
Material of spring	High-alloy stainless steel
Compressed air filter material	PE
Housing material	Cast stainless steel
Material number of housing	1.4409/CF3M(316L)
Material of adjusting screw	High-alloy stainless steel
Material of bowl	High-alloy stainless steel
Bowl material number	1.4409/CF3M (316L)