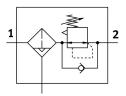
## Filter regulator PCRP-64-N14-12-C-R1-VC-T31

**FESTO** 

Part number: 8195731





General operating condition

## **Data sheet**

Series       P         Actuator lock       Adjusting screw with lock         Mounting position       Vertical +/- 5°         Grade of filtration       5 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       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 MPa         Max. pressure hysteresis       0.2 bar	Feature	Value
Actuator lock Mounting position Vertical +/- 5° Grade of filtration 5 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 00991588 Operating pressure 0014 Prepared Operating pressure 002 MPa 1.2 MPa Operating pressure 0.2 MPa 1.2 bar Pressure regulation range 0.5 bar 12 bar 0.0 MPa Max. pressure hysteresis 0.2 Dar 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 [-4x-] Inert gas Information on operating and pilot media LABS (PWIS) conformity VDMA24364 zone III Storage temperature 10 °C 60 °C Ambient temperature Oper 60 °C Product weight Operature Standar denight media Opercused air as per ISO 8573-1:2010 [-4:4] Temperature of medium Operc 60 °C Product weight Operature Giffenter Operature Giffenter Operature Giffenter Operature Giffenter Operature Giffenter Operating medium Operating mediu	Size	64
Mounting position  Vertical +/- 5° Grade of filtration  S pm 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 G1/4 prepared Operating pressure Operating pressure 0.2 MPa 1.2 MPa Operating pressure 10.5 bar 12 bar  Max. pressure hysteresis 0.02 MPa Max. pressure hysteresis 0.02 MPa Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar  Max. pressure hysteresis 0.2 bar	Series	P
Grade of filtration 5 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  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 0.02 MPa  Max. pressure hysteresis 0.2.9 psi  Max. standard flow rate 2400 l/min  Standard nominal flow rate 1920 l/min  Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)  Cone 21 (ATEX) Zone 22 (ATEX)  Cone 22 (ATEX)  Cone 22 (ATEX)  Cone 23 (ATEX)  Cone 24 (ATEX)  Cone 25 (ATEX)  Cone 26 (ATEX)  Cone 26 (ATEX)  Cone 27 (ATEX)  Cone 27 (ATEX)  Cone 28 (ATEX)  Cone 29 (ATEX)  Cone 29 (ATEX)  Cone 20 (ATEX)  Cone 25 (ATEX)  Cone 26 (ATEX)  Cone 26 (ATEX)  Cone 27 (ATEX)  Cone 27 (ATEX)  Cone 28 (ATEX)  Cone 29 (ATEX)  Cone 29 (ATEX)  Cone 20 (ATEX)  Cone	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 primary pressure compensation With secondary exhausting Symbol Oo991588 OPPressure gauge G1/4 prepared Operating pressure Q2 MPa 12 MPa Operating pressure 2 bar 12 bar Operating pressure 9 0.5 bar 12 bar Max. pressure hysteresis 0.02 MPa Max. pressure hysteresis 0.2 bar Max. pressure hysteresis 0.2 bar Max. standard flow rate Standard nominal flow rate Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Cone 2 (ATEX)	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	Grade of filtration	5 μm
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  2 bar 12 bar  Pressure regulation range  0.5 bar 12 bar  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 22 (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  LABS (PWIS) conformity  VDMA24364 zone III  Storage temperature	Condensate drain	Fully automatic
Max. condensate volume  Controller function  With primary pressure compensation With secondary exhausting  Symbol  Operating pressure  Operating pressure pysteresis  Operating pressure hysteresis  Operating pressure hysteresis  Operating pressure hysteresis  Operating pressure pysteresis  Operating pressure hysteresis  Operating pressure  Operating p	Structural design	Filter regulator with pressure gauge
Controller function  With primary pressure compensation With secondary exhausting  Operating pressure  Operating pressure  O.2 MPa 1.2 MPa  Operating pressure  0.2 MPa 1.2 bar  Pressure regulation range  0.5 bar 12 bar  Max. pressure hysteresis  0.02 MPa  Max. pressure hysteresis  0.2 bar  Max. standard flow rate  2400 l/min  Standard nominal flow rate  Explosion prevention and protection  Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Cone 1 (INTEX) Cone 2 (ATEX) C	Conforms to standard	NACE MR0175/ISO 15156 (housing and bowl)
With secondary exhausting  Symbol  O0991588  Pressure gauge  G1/4 prepared  O2 MPa 1.2 MPa  Operating pressure  0.2 MPa 1.2 bar  Pressure regulation range  0.5 bar 12 bar  Max. pressure hysteresis  0.20 MPa  Max. pressure hysteresis  0.2 bar  Max. pressure hysteresis  0.2 bar  Max. standard flow rate  2400 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)  Sone 2 (ATEX)  Sone 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  Air quality class at the output  Compressed air as per ISO 8573-1:2010 [6:4:4]  Temperature of medium  0 °C 60 °C  Ambient temperature  0 °C 60 °C  Ambient temperature  0 °C 60 °C  Product weight  2285 g	Max. condensate volume	30 ml
Pressure gauge Operating pressure Operating was pressure hysteresis Operating was pressure hysteresis Operating medium Operating medium Operating medium Operating medium Operating and pilot media Operating with oil lubrication possible Operating the output Operating medium Operating operating on one of the output Operating the ou	Controller function	
Operating pressure Operating medium Operating medium Operating and pilot media Operating to operating operating on operating and pilot media Operating to operating on operatin	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       2400 l/min         Standard nominal flow rate       1920 l/min         Explosion prevention and protection       Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX)         Zone 2 (ATEX)       Zone 21 (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       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 [6:4:4]         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 bar  Max. pressure hysteresis  2.9 psi  Max. standard flow rate  2400 l/min  Standard nominal flow rate  1920 l/min  Explosion prevention and protection  Observe the information on the certificate Zone 1 (ATEX) Zone 2 (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  Operation 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 [6:4:4]  Temperature of medium  0 °C 60 °C  Ambient temperature  0 °C 60 °C  Product weight	Operating pressure	0.2 MPa 1.2 MPa
Max. pressure hysteresis  0.02 MPa  Max. pressure hysteresis  0.2 bar  Max. pressure hysteresis  2.9 psi  Max. standard flow rate  2400 l/min  Standard nominal flow rate  1920 l/min  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  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 [6:4:4]  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  2400 l/min  Standard nominal flow rate  1920 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  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 [6:4:4]  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  2400 l/min  Standard nominal flow rate  1920 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 [6:4:4]  Compressed air as per ISO 8573-1:2010 [6:4:4]  Operation with oil lubrication possible  Compressed air as per ISO 8573-1:2010 [6:4:4]  Compressed air as per ISO 8573-1:2010 [6:4:4]  Compressed air as per ISO 8573-1:2010 [6:4:4]  Temperature of medium  O °C 60 °C  Ambient temperature  O °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 [6:4:4]	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 [6:4:4]  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 [6:4:4]  Temperature of medium  0 °C 60 °C  Ambient temperature  0 °C 60 °C  Product weight	Max. standard flow rate	2400 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 [6:4:4]  Temperature of medium  0 °C 60 °C  Ambient temperature  0 °C 60 °C  Product weight	Standard nominal flow rate	1920 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  Compressed air as per ISO 8573-1:2010 [6:4:4]  Temperature of medium  0 °C 60 °C  Ambient temperature  0 °C 60 °C  Product weight	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 [6:4:4]  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 [6:4:4]  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 [6:4:4]  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 [6:4:4]
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	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/8 NPT
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)