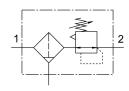
## Filter regulator PCRP-64-G14-7-C-R1-M-T18 Part number: 4787803







## **Data sheet**

P Actuator lock Adjusting screw with lock Mounting position Vertical +/- 5° Siructural design Condensate drain Manually rotating Siructural design Filter regulator without pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 cm³ Controller function With primary pressure compensation With secondary exhausting Pressure gauge O1.4 Prepared Operating pressure 0.1 MPa2 MPa 1 bar20 bar  Max. standard flow rate  Controller function  Max. standard flow rate  Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Cone 22 (ATEX) Conformation on operating and pilot media Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) VDMA24364 zone III Storage temperature  Compressed air as per ISO 8573-1:2010 [6:4:4] Emperature of medium Compressed air as per ISO 8573-1:2010 [6:4:4] Emperature of medium Compressed air as per ISO 8573-1:2010 [6:4:4]	Feature	Value
Adjusting screw with lock Mounting position Vertical +/- 5° Grade of filtration 5 µm Sondensate drain Manually rotating Filter regulator without pressure gauge Conforms to standard NACE MR0175/ISO 15156 (housing and bowl) Max. condensate volume 30 cm³ Controller function With primary pressure compensation With primary pressure compensation With secondary exhausting Pressure gauge Operating pressure 0.1 MPa2 MPa 1 bar20 bar 1 bar20 bar Max. standard flow rate 2410 I/min Standard nominal flow rate Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Z	Size	64
Mounting position  Vertical +/- 5° Grade of filtration  5 μm  Manually rotating  Filter regulator without pressure gauge  Conforms to standard  MACK MR0175/ISO 15156 (housing and bowl)  MACK CONDENS TO STAND S	Series	P
Signate of filtration 5 μm  Condensate drain Manually rotating  Structural design Filter regulator without pressure gauge  Conforms to standard NACE MR0175/ISO 15156 (housing and bowl)  Max. condensate volume 30 cm³  Controller function With secondary exhausting  Pressure gauge G1/4 prepared  Operating pressure 0.1 MPa 2 MPa 1 bar 20 bar  Max. pressure hysteresis 0.2 bar  Max. standard flow rate 2410 I/min  Standard nominal flow rate 2040 I/min  Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX)  Zone 2 (ATEX) Zone 2 (ATEX)  Conerating medium Compressed air as per ISO 8573-1:2010 [-4:-] Inert gas  Information on operating and pilot media Operation with oil lubrication possible (required for further use)  VDMA24364 zone III  Stonge temperature 20 °C80 °C  Ambient temperature - 20 °C80 °C  Ambient temperature  Compressed air as per ISO 8573-1:2010 [6:4:4]	Actuator lock	Adjusting screw with lock
Manually rotating  Filter regulator without pressure gauge  Conforms to standard  Max. condensate volume  Ontroller function  With primary pressure compensation With secondary exhausting  Pressure gauge  Operating pressure  Operating pressure  Ontroller systems of the systems	Mounting position	Vertical +/- 5°
Filter regulator without pressure gauge  Conforms to standard  Max. condensate volume  30 cm³  With primary pressure compensation With secondary exhausting  Pressure gauge  Operating pressure  Operating pressure  O1. MPa2 MPa 1 bar20 bar  Pressure regulation range  O2. bar  Max. pressure hysteresis  O2. 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)  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 (required for further use)  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C	Grade of filtration	5 μm
ANACE MR0175/ISO 15156 (housing and bowl)  Max. condensate volume  Controller function  With primary pressure compensation With secondary exhausting  Operating pressure  Operating pressu	Condensate drain	Manually rotating
Max. condensate volume  30 cm³  With primary pressure compensation With secondary exhausting  Golf/4 prepared  Operating pressure  0.1 MPa2 MPa 1 bar20 bar  Operating pressure regulation range  0.5 bar7 bar  0.6 bar7 bar  0.7 bar  Max. pressure hysteresis  0.8 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)  Zone 21 (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 (required for further use)  ABS (PWIS) conformity  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C	Structural design	Filter regulator without pressure gauge
With primary pressure compensation With secondary exhausting Pressure gauge G1/4 prepared O1 MPa2 MPa 1 bar20 bar O2 bar Max. pressure hysteresis O2 bar Max. standard flow rate Standard nominal flow rate Explosion prevention and protection O5 berve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Cone 21 (ATEX) Sone 32 (ATEX) Cone 32	Conforms to standard	NACE MR0175/ISO 15156 (housing and bowl)
With secondary exhausting  G1/4 prepared  G1/4 prepared  Operating pressure  O1.1 MPa2 MPa 1 bar20 bar  O2.5 bar7 bar  O2.5 bar7 bar  O2.5 bar  Max. pressure hysteresis  O2.5 bar  Max. standard flow rate  Standard nominal flow rate  Standard nominal flow rate  C2040 I/min  C320 car (ATEX)  C30 car (ATEX)  C41 car (ATEX)  C41 car (ATEX)  C42 car (ATEX)  C43 car (ATEX)  C44 car (ATEX)  C54 car (ATEX)  C55 car (ATEX)  C56 car (ATEX)  C57 car (ATEX)  C57 car (ATEX)  C58 car (ATEX)  C59 car (ATEX)  C59 car (ATEX)  C50 car (ATEX)	Max. condensate volume	30 cm <sup>3</sup>
Operating pressure  O.1 MPa2 MPa 1 bar20 bar  O.2 bar  Max. pressure hysteresis  O.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) Zone 2 (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 (required for further use)  ABS (PWIS) conformity  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C	Controller function	
1 bar20 bar  Pressure regulation range  0.5 bar7 bar  0.2 bar  Max. pressure hysteresis  0.2 bar  2410 l/min  Standard nominal flow rate  2040 l/min  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) Zone 22 (ATEX) Answer of medium  Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Anbient temperature  -20 °C80 °C  Ambient temperature  -20 °C80 °C  -20 °C80 °C	Pressure gauge	G1/4 prepared
Max. pressure hysteresis  Max. standard flow rate  Max. standard nominal 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 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 (required for further use)  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Air quality class at the output  Compressed air as per ISO 8573-1:2010 [6:4:4]  Emperature of medium  -20 °C80 °C  Ambient temperature  -20 °C80 °C	Operating pressure	
Max. standard flow rate  Standard nominal flow rate  2040 l/min  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 (required for further use)  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Arriquality class at the output  Compressed air as per ISO 8573-1:2010 [6:4:4]  -20 °C80 °C  Armbient temperature  -20 °C80 °C	Pressure regulation range	0.5 bar7 bar
Standard nominal flow rate  2040 l/min  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 (required for further use)  VDMA24364 zone III  Storage temperature -20 °C80 °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]  Compressed air as per ISO 8573-1:2010 [6:4:4]	Max. pressure hysteresis	0.2 bar
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 (required for further use)  VDMA24364 zone III Storage temperature VDMA24364 zone III Compressed air as per ISO 8573-1:2010 [6:4:4]	Max. standard flow rate	2410 l/min
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)  Poperating medium  Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  ABS (PWIS) conformity  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Air quality class at the output  Compressed air as per ISO 8573-1:2010 [6:4:4]  Femperature of medium  -20 °C80 °C  Ambient temperature  -20 °C80 °C	Standard nominal flow rate	2040 l/min
Inert gas  Operation with oil lubrication possible (required for further use)  ABS (PWIS) conformity  VDMA24364 zone III  Storage temperature  -20 °C80 °C  Air quality class at the output  Compressed air as per ISO 8573-1:2010 [6:4:4]  Femperature of medium  -20 °C80 °C  Ambient temperature  -20 °C80 °C	Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX)
ABS (PWIS) conformity  VDMA24364 zone III  -20 °C80 °C  Air quality class at the output  Compressed air as per ISO 8573-1:2010 [6:4:4]  -20 °C80 °C  Ambient temperature  -20 °C80 °C  -20 °C80 °C	Operating medium	
Storage temperature -20 °C80 °C Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:4:4] Femperature of medium -20 °C80 °C Ambient temperature -20 °C80 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Compressed air as per ISO 8573-1:2010 [6:4:4]  Femperature of medium  -20 °C80 °C  Ambient temperature  -20 °C80 °C	LABS (PWIS) conformity	VDMA24364 zone III
Femperature of medium -20 °C80 °C -20 °C80 °C -20 °C80 °C	Storage temperature	-20 °C80 °C
Ambient temperature -20 °C80 °C	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
'	Temperature of medium	-20 °C80 °C
Product weight 1965 g	Ambient temperature	-20 °C80 °C
	Product weight	1965 g

Feature	Value
Type of mounting	Optionally: Line installation With mounting kit
Pressure gauge connection	G1/4
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Drain screw material	High-alloy stainless steel
Drain screw material number	1.4404/316L
Material of filter support	Cast stainless steel
Filter support material number	1.4409/CF3M(316L)
Note on materials	RoHS-compliant
Material of mounting bracket	High-alloy stainless steel
Seals material	CR NBR
Material of spring	High-alloy stainless steel
Compressed air filter material	High-alloy stainless steel
Compressed air filter material number	1.4404/316L
Housing material	Cast stainless steel
Material number of housing	1.4409/CF3M(316L)
Material of adjusting screw	High-alloy stainless steel
Material of bowl	Cast stainless steel
Bowl material number	1.4409/CF3M (316L)