## Push-in T-fitting QSTF-G1/2-12 Part number: 186208

**FESTO** 



General operating condition

Nominal width 8.7 mm  Type of seal on screwed plug Sealing ring  Mounting position Any  Design L-shape, additional connection internal thread lengthwise  Pack size 1  Structural design Push-pull principle  Operating pressure for entire temperature range 0.095 MPa 0.6 MPa  Operating pressure for entire temperature range 1.3.775 psi 87 psi  Temperature-dependent operating pressure 2.0.95 MPa 1.4 MPa  Temperature-dependent operating pressure 0.095 MPa 1.4 MPa  Temperature-dependent operating pressure 0.095 MPa 1.4 MPa  Temperature-dependent operating pressure 1.3.775 psi 203 psi  Information on operating pressure Water: max. 0.6 MPa at max. 50 °C  Operating medium Compressed air as per ISO 8573-1:2010 [7:-:-]  Water (liquid, ice-free)  Operating medium Compressed with sealing ring type OL as additional accessory  Corrosion resistance class (CRC) 1- Low corrosion stress  Class Conformity CDMA24364-B1/B2-L  Cleanroom class CRC 1- Low corrosion stress  Valuation of the sealing from the sealing from the sealing ring type OL as additional accessory  Nominal tightening torque 26 Nm  Tolerance for nominal tightening torque 226 Nm  Nominal tightening torque 226 Nm  Tolerance for nominal tightening	Feature	Value
Sealing ring   Sealing ring   Mounting position   Any   An	Size	Standard
Mounting position  Any Design  L-shape, additional connection internal thread lengthwise Pack size  1  Structural design  Push-pull principle Operating pressure for entire temperature range Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating medium Commandia on operating pressure Operating medium Operating medium Operating with oil tubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating medium Operating medium Operating with oil tubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating resistance class (CRC) 1 · Low corrosion stress  LABS (PWIS) conformity VDMA24364-B1/82-L Clearnoom class Class 4 according to ISO 14644-1  Ambient temperature -10 °C 80 °C Operating to ISO 14644-1  Ambient temperature -10 °C 80 °C Operating to ISO 14644-1  Ambient temperature -10 °C 80 °C  Product weight -10 °C 80 °C  Operating the	Nominal width	8.7 mm
Design L-shape, additional connection internal thread lengthwise Pack size 1 Push-pull principle Departing pressure for entire temperature range Operating pressure Information operating pressure Operating medium Operating pressure Operating medium Operating only operating only operating only operating medium Operating medium Operating with oil lubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating with oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating with oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating with oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating with oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating temperature Operating vice of the operation with oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating vice of the operation with oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating vice of the oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating vice of the oil ubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Operating vice of the oil ubrication possibl	Type of seal on screwed plug	Sealing ring
Pack size  Structural design  Push-pull principle  Operating pressure for entire temperature range  13.775 psi 87 psi  Importantive dependent operating pressure Operating pressure Operating pressure Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [7::-] Water (liquid, ice-free) Operating medium Compressed air as per ISO 8573-1:2010 [7::-] Water (liquid, ice-free) Operating medium Operating with oil lubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory  Corrosion resistance class (CRC) 1- Low corrosion stress  LABS (PWIS) conformity VDMA24364-81/82-L Cleanroom class Class 4 according to ISO 14644-1  Ambient temperature 10°C 80°C  Nominal tightening torque 26 Nm Incleance for nominal tightening torque 22 Nm Incleance for nominal tightening torque 28 Nm Incleance for nominal tightening torque 29 g No. of outlets 22 No. of supply lines 1 Preumatic connection 1 External hexagon, AF 27 Preumatic connection 2 Internal thread 61/2 Interna	Mounting position	Any
Structural design Push-pull principle Operating pressure for entire temperature range -0.095 MPa 0.6 MPa Operating pressure for entire temperature range -0.95 bar 6 bar Operating pressure for entire temperature range -13.775 psi 87 psi Temperature-dependent operating pressure -0.095 MPa 1.4 MPa Temperature-dependent operating pressure -0.95 bar 14 bar Temperature-dependent operating pressure -13.775 psi 203 psi Information on operating pressure -13.775 psi 203 psi Information on operating pressure -13.775 psi 203 psi Information on operating and pilot media -13.775 psi 203 psi -150 8573-1:2010 [7:::] Information on operating and pilot media -14.75 psi 203 psi -150 8573-1:2010 [7:::] Information on operating and pilot media -150 8573-1:2010 [7:::] Information on operating and pilot media -150 8573-1:2010 [7:::] Information on operating and pilot media -150 8573-1:2010 [7:::] Information resistance class (CRC) -1- Low corrosion stress  LABS (PWIS) conformity -150 8573-1:2010 [7:::] VDMA24364-B1/B2-L Cleanroom class -150 8573-1:2010 [7:::] Ambient temperature -10 00 00 00 00 00 00 00 00 00 00 00 00 0	Design	L-shape, additional connection internal thread lengthwise
Operating pressure for entire temperature range 13.775 psi 87 psi  Temperature-dependent operating pressure O.095 MPa 1.4 MPa  Temperature-dependent operating pressure O.95 MPa 1.4 bar  1-3.775 psi 203 psi Information on operating pressure Operating medium Operating medium Operating medium Operating medium Operating medium Operating medium Operating and pilot media Operation with oil lubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory  Operation resistance class (CRC) 1 - Low corrosion stress  LABS (PWIS) conformity VDMA24364-B1/B2-L  Cleanoom class Class 4 according to ISO 14644-1  Ambient temperature Operating torque Operating type OL as additional accessory Operation with oil lubrication possible with sealing ring type OL as additional accessory  Ambient temperature Operating to ISO 14644-1  - 10°C 80°C  Nominal tightening torque Operating to Found to ISO 14644-1  - 10°C 80°C  To operating to ISO 14644-1  - 10°C 80°C  Operating medium Operating to ISO 14644-1  - 10°C 80°C  To operating medium Operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating medium operating to ISO 14644-1  - 10°C 80°C  Operating	Pack size	1
Operating pressure for entire temperature range Operating pressure Operating medium Operating pressure Operating medium Operating medium Operating and pilot media Operation with oil lubrication possible Water: Ge-free) Operation with oil lubrication possible Water: Ge-free only possible with sealing ring type OL as additional accessory  Corrosion resistance class (CRC) 1 - Low corrosion stress  LABS (PWIS) conformity VDMA24364-B1/B2-L Cleanroom class Class 4 according to ISO 14644-1  Ambient temperature -10 °C 80 °C  Nominal tightening torque 26 Nm Tollerance for nominal tightening torque 26 Nm Tollerance for nominal tightening torque 27 according to ISO 14644-1  No. of outlets 28 according to ISO 14644-1  The complete of the	Structural design	Push-pull principle
Operating pressure for entire temperature range Information on operating pressure Information on operating and pilot media Information on operating and subsets and subset	Operating pressure for entire temperature range	-0.095 MPa 0.6 MPa
Temperature-dependent operating pressure  -0.095 MPa 1.4 MPa  -0.95 bar 14 bar  -0.95 bar 14 bar  -0.95 bar 203 psi  -0.095 mraiting pressure  -0.95 bar 14 bar  -0.95 bar 14 bar  -0.95 bar 203 psi  -0.95 bar 203 psi  -0.95 bar 203 psi  -0.96 bar at max. 50 °C  -0.96 bar at max. 50 °C  -0.97 bar at max. 50 °C  -0.97 bar at max. 50 °C  -0.97 bar at max. 50 °C  -0.98 bar at max. 50 °C  -0.99 bar at max. 50 °C  -0.90 bar at max. 50 °C	Operating pressure for entire temperature range	-0.95 bar 6 bar
Product weight   Prod	Operating pressure for entire temperature range	-13.775 psi 87 psi
remperature-dependent operating pressure  -13.775 psi 203 psi Information on operating pressure  Operating medium  Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)  Information on operating and pilot media  Operation with oil lubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory  Corrosion resistance class (CRC)  1 - Low corrosion stress  Class (PWIS) conformity  VDMA24364-B1/B2-L  Cleanroom class  Class 4 according to ISO 14644-1  Anbient temperature  Nominal tightening torque  Folderance for nominal tightening torque  26 Nm  Folderance for nominal tightening torque  29 g  Product weight  99 g  No. of outlets  2  No. of outlets  2  External hexagon, AF 27  Pheumatic connection 1  External thread G1/2  internal thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Blue  Note on materials  Housing material  Hollow bolt material  Brass, nickel-plated	Temperature-dependent operating pressure	-0.095 MPa 1.4 MPa
Mater: max. 0.6 MPa at max. 50 °C  Operating medium  Compressed air as per ISO 8573-1:2010 [7:] Water (liquid, ice-free)  Operation with oil lubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B1/B2-L  Cleanroom class  Class 4 according to ISO 14644-1  Ambient temperature  -10 °C 80 °C  Nominal tightening torque  26 Nm  Folerance for nominal tightening torque  29 g  Product weight  99 g  No. of outlets  2  No. of supply lines  1  External hexagon, AF 27  Preumatic connection 1  External thread G1/2 for pneumatic tubing outside diameter 10 mm  Releasing ring color  Note on materials  Housing material  Hollow bolt material  Brass, nickel-plated	Temperature-dependent operating pressure	-0.95 bar 14 bar
Compressed air as per ISO 8573-1:2010 [7:] Water (liquid, ice-free) Information on operating and pilot media Operation with oil lubrication possible Water: G-thread only possible with sealing ring type OL as additional accessory Corrosion resistance class (CRC) 1 - Low corrosion stress  LABS (PWIS) conformity VDMA24364-B1/B2-L Cleanroom class Class 4 according to ISO 14644-1  Ambient temperature -10 °C 80 °C Nominal tightening torque 26 Nm Tolerance for nominal tightening torque ± 20% Product weight 99 g No. of outlets 2 No. of supply lines 1 Type of mounting External hexagon, AF 27 Peneumatic connection 1 External thread G1/2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials Housing material Hollow bolt material Brass, nickel-plated	Temperature-dependent operating pressure	-13.775 psi 203 psi
Water (liquid, ice-free) Information on operating and pilot media Operation with oil lubrication possible Water: 6-thread only possible with sealing ring type OL as additional accessory Corrosion resistance class (CRC) 1 - Low corrosion stress  LABS (PWIS) conformity VDMA24364-B1/B2-L Cleanroom class Class 4 according to ISO 14644-1 Ambient temperature -10 °C 80 °C Nominal tightening torque 26 Nm Folerance for nominal tightening torque 29 g No. of outlets 2 No. of outlets 2 No. of supply lines 1 I External hexagon, AF 27 Peneumatic connection 1 External thread G1/2 internal thread G1/2 for pneumatic tubing outside diameter 10 mm Releasing ring color Note on materials Housing material Hollow bolt material Brass, nickel-plated	Information on operating pressure	Water: max. 0.6 MPa at max. 50 °C
Water: G-thread only possible with sealing ring type OL as additional accessory  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B1/B2-L  Cleanroom class  Class 4 according to ISO 14644-1  Ambient temperature  -10 °C 80 °C  Nominal tightening torque 26 Nm  Tolerance for nominal tightening torque 29 g  Product weight 99 g  No. of outlets 20%  Product weight 10 c 80 °C  No. of supply lines 1 c  Type of mounting External hexagon, AF 27  Preumatic connection 1 External thread G1/2 for pneumatic tubing outside diameter 10 mm  Releasing ring color  Note on materials Housing material Hollow bolt material  Brass, nickel-plated	Operating medium	_ · · · · · · · · · · · · · · · · · · ·
LABS (PWIS) conformity  VDMA24364-B1/B2-L  Clean room class  Class 4 according to ISO 14644-1  Ambient temperature  -10 °C 80 °C  Nominal tightening torque  26 Nm  Tolerance for nominal tightening torque  + 20%  Product weight  99 g  No. of outlets  2  No. of supply lines  1  Type of mounting  External hexagon, AF 27  Pneumatic connection 1  External thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Note on materials  Housing material  Hollow bolt material  Brass, nickel-plated	Information on operating and pilot media	Water: G-thread only possible with sealing ring type OL as additional
Class 4 according to ISO 14644-1  Ambient temperature -10 °C 80 °C  Nominal tightening torque 26 Nm  Tolerance for nominal tightening torque + 20%  Product weight 99 g No. of outlets 2 No. of supply lines 1 Type of mounting External hexagon, AF 27  Preumatic connection 1 External thread G1/2 for pneumatic tubing outside diameter 10 mm  Releasing ring color  Note on materials Housing material  PBT  Hollow bolt material  Class 4 according to ISO 14644-1  -10 °C 80 °C  -	Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature -10 °C 80 °C Nominal tightening torque 26 Nm Tolerance for nominal tightening torque ± 20% Product weight 99 g No. of outlets 2 No. of supply lines 1 Type of mounting External hexagon, AF 27 Pneumatic connection 1 External thread G1/2 for pneumatic tubing outside diameter 10 mm Releasing ring color Blue Note on materials Housing material Hollow bolt material Brass, nickel-plated	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Nominal tightening torque  26 Nm  Tolerance for nominal tightening torque  26 Nm  Product weight  99 g  No. of outlets  2  No. of supply lines  1  Type of mounting  External hexagon, AF 27  Pneumatic connection 1  External thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Blue  Note on materials  RoHS-compliant  Housing material  Brass, nickel-plated	Cleanroom class	Class 4 according to ISO 14644-1
Tolerance for nominal tightening torque	Ambient temperature	-10 °C 80 °C
Product weight  99 g  No. of outlets  2  No. of supply lines  1  Type of mounting  External hexagon, AF 27  Pneumatic connection 1  External thread G1/2  Internal thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Blue  Note on materials  RoHS-compliant  Housing material  PBT  Hollow bolt material  Brass, nickel-plated	Nominal tightening torque	26 Nm
No. of outlets  2 No. of supply lines 1 Type of mounting External hexagon, AF 27 Pneumatic connection 1 Pneumatic connection 2 Internal thread G1/2 for pneumatic tubing outside diameter 10 mm Releasing ring color Releasing ring color Rote on materials RoHS-compliant Housing material PBT Hollow bolt material  Page 1  Page 2  Rote on material PBT Hollow bolt material  PBT  Brass, nickel-plated	Tolerance for nominal tightening torque	± 20%
No. of supply lines  Type of mounting  External hexagon, AF 27  External thread G1/2  Pneumatic connection 2  Pneumatic connection 2  Internal thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Blue  Note on materials  RoHS-compliant  Housing material  PBT  Hollow bolt material  Brass, nickel-plated	Product weight	99 g
Type of mounting  External hexagon, AF 27  Pneumatic connection 1  External thread G1/2  Internal thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Blue  Note on materials  RoHS-compliant  Housing material  PBT  Hollow bolt material  Brass, nickel-plated	No. of outlets	2
Pneumatic connection 1  External thread G1/2  internal thread G1/2  for pneumatic tubing outside diameter 10 mm  Releasing ring color  Blue  Note on materials  Housing material  PBT  Hollow bolt material  External thread G1/2  for pneumatic tubing outside diameter 10 mm  Plue  Brass, nickel-plated	No. of supply lines	1
Preumatic connection 2 internal thread G1/2 for pneumatic tubing outside diameter 10 mm  Releasing ring color Blue  Note on materials RoHS-compliant  Housing material PBT  Hollow bolt material Brass, nickel-plated	Type of mounting	External hexagon, AF 27
for pneumatic tubing outside diameter 10 mm  Releasing ring color  Note on materials  Housing material  PBT  Hollow bolt material  Brass, nickel-plated	Pneumatic connection 1	External thread G1/2
Note on materials  Housing material  Hollow bolt material  Brass, nickel-plated	Pneumatic connection 2	
Housing material PBT Hollow bolt material Brass, nickel-plated	Releasing ring color	Blue
Hollow bolt material Brass, nickel-plated	Note on materials	RoHS-compliant
	Housing material	PBT
Releasing ring material POM	Hollow bolt material	Brass, nickel-plated
	Releasing ring material	POM

Feature	Value
Material of tubing seal	NBR
Material of tube retaining claw	High-alloy stainless steel