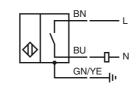
Model Number       Connection type       cable PVC         NJ2-12GM50-WS-5M       Core cross-section       0.34 mm <sup>2</sup> Housing material       Stainless st         Sensing face       PBT         Degree of protection       IP67         Note       11 In the tem         age Ub 80       Safety fuse         Person of delivery       2 self locking         2 mm flush       Compliance with standards and directives         EXG-12       Standard conformity         Suick mounting bracket with dead stop       Standards         BF 12       Mounting flange, 12 mm         Wounting flange, 12 mm       UL approval         CSA approval       CCSA us Lister	
Ceneral specifications       AC         Switching element function       sn         Accessories       Switching stance         Comeral specifications       Comeral specifications         Ceneral specifications       AC         Switching element function       sn         Accessories       O.1         Comeral specifications       Saude coperating distance         Ceneral specifications       Comeral specifications         Ceneral specifications       O.1         Ceneral specifications       O.1         Ceneral specifications       O.1         Ceneral specifications       O.1         Ceneral specifications       Comercial specifications         Connection type       Cobine         Coperating	
Switching element function       AC         Rated operating distance       s <sub>n</sub> 2 mm         Image: Additional and the second secon	
Rated operating distance       s <sub>n</sub> 2 mm         Installation       C       AC         Assured operating distance       s <sub>a</sub> 0 162 mm         CE       C       0.1       Reduction factor r <sub>Qu</sub> 0.1         Reduction factor r <sub>Qu</sub> 0.1       Reduction factor r <sub>Qu</sub> 0.1         Reduction factor r <sub>Qu</sub> 0.6       0.6       Nominal ratings       0         Operating voltage       Ug       20 253 V       Switching frequency       1       0 20 Hz         Operating voltage       Ug       0.6       Nominal ratings       0 20 Hz       0.0         Operating voltage       Ug       20 253 V       Switching frequency       1       0 20 Hz         Operating voltage       Ug       0 20 Hz       0 20 mz       0 20 mz         Operating voltage       Ug       0 20 mz       0 20 mz       0 20 mz         Operating voltage       Ug       V.1 + 120 M       0 20 mz       0 20 mz         Operating voltage       Ug       V.1 + 120 Mic       0 20 Mz       0 20 Mz         Operating voltage       Ug       V.1 + 120 Mic       0 20 Mz       0 20 Mz         Nulze Montintering the deal stop       Stanteste	NO
Installation       minute         Installation       minute         Image: Comparing distance       sa       0162 m         Image: Comparing distance       sa       0	
Output polarity       AC         Assured operating distance s <sub>a</sub> 0 162 m         Assured operating distance r <sub>20</sub> 0.1         Reduction factor r <sub>20</sub> 0.6         Nominal ratings       Operating voltage       Ug         Operating voltage       Ug       20 2014         Operating voltage       Ug       0.1         Operating voltage       Ug       0.0         Operating voltage       Ug       0 2014         Off-state current       I,       5 200 m         Off-state current       I,       S 2017         Off-state current       I,       S 2017         Momentary current       I,       S 200 m         J212GM50-WS-5M       Corne cross-section       0.34 mm²         Aber anical specifications       Conner consessection       Sataley fuse         XG-12       uink mounting fange, 12 mm       Sandard conformity	
Switching frequency       f       020 Hz         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyb. 4 V at 1       typ. 6.5 V at         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyb. 5 V at       01200 m         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyb. 5 V at       01200 m         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyb. 5 V at       01200 m         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyb. 5 V at       01200 m         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyb. 5 V at       01200 m       01200 m         Voltage drop       U <sub>d</sub> typ. 4 V at 1       typ. 6.5 V at         Voltage drop       Value drop       01200 m       01200 m         Voltage drop       Value drop       0120 m       0120 m         Voltage drop       Value drop       Value drop       0120 m         Voltage drop       Value drop       Value drop       0120 m         Voltage drop       Value drop       Value drop       0	
Switching frequency       f       020 Hz         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyp. 6.5 V at       01200 m         (2 ms. 0.1 Hz)       01200 m         Operating current       01200 m         (2 ms. 0.1 Hz)       01200 m         Operating current       1, 5200 md         Off-state current       1, 10 mt         J2-12GM50-WS-5M       Connection type         eatures       Comfort series         2 mm flush       Scape of delivery       2 self lockin         Compliance with standards and directives       Standard conformity         Standard conformity       Standard conformity       ELE 60947-         Standard conformity       Standard conformity       Standard conformity         Standards </td <td>1</td>	1
Switching frequency       f       020 Hz         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyp. 6.5 V at       01200 m         (2 ms, 0.1 Hz)       01200 m         Operating current       01200 m         (2 ms, 0.1 Hz)       01200 m         Operating current       1, 5200 m         Operating current       1, 5200 m         Off-state current       1, typ. 6.5 V at         Operating current       1, typ. 5.5 V at         Ot-state current       1, typ. 5.7 V at         Operating current       1, typ. 5.7 V at         Off-state current       1, typ. 5.7 V at         J2-12GM50-WS-5M       Connection type         catefy tage       Castery tage         eatures       Comfort series         2 mm flush       Scope of delivery       2 self lockin         Comport series       Standard conformity       Etc 60947-         Standard conformity       Etc 60947-       IEC 60947-	
Switching frequency       f       020 Hz         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyp. 6.5 V at       01200 m         (2 ms. 0.1 Hz)       01200 m         Operating current       01200 m         (2 ms. 0.1 Hz)       01200 m         Operating current       1, 5200 md         Off-state current       1, 10 mt         J2-12GM50-WS-5M       Connection type         eatures       Comfort series         2 mm flush       Scape of delivery       2 self lockin         Compliance with standards and directives       Standard conformity         Standard conformity       Standard conformity       ELE 60947-         Standard conformity       Standard conformity       Standard conformity         Standards </td <td></td>	
Switching frequency       f       020 Hz         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyp. 6.5 V at       01200 m         (2 ms. 0.1 Hz)       01200 m         Operating current       01200 m         (2 ms. 0.1 Hz)       01200 m         Operating current       1, 5200 md         Off-state current       1, 10 mt         J2-12GM50-WS-5M       Connection type         eatures       Comfort series         2 mm flush       Scape of delivery       2 self lockin         Compliance with standards and directives       Standard conformity         Standard conformity       Standard conformity       ELE 60947-         Standard conformity       Standard conformity       Standard conformity         Standards </td <td></td>	
Switching frequency       f       0 20 Hz         Voltage drop       U <sub>d</sub> typ. 4 V at 1         Vyp. 6.5 V at       0 1200 m         (2 ms, 0.1 Hz)       0 1200 m         Operating current       0 1200 m         (2 ms, 0.1 Hz)       0 1200 m         Operating current       1.       5 200 md         Off-state current       1.       typ. 6.5 V at         Operating current       1.       typ. 6.5 V at         Off-state current       1.       typ. 6.5 V at         Operating current       1.       typ. 6.5 V at         Off-state current       1.       typ. 6.5 V at         Operating current       1.       typ. 6.5 V at         Other the current       1.       typ. 6.5 V at         Operating current       1.       typ. 6.5 V at         J2-12 GM50-WS-5M       Eatures       Stanlards         Comfort series       2 mm flush       Scope of delivery       2 self lockin	
Voltage drop       Ug       typ. 44 at 1         Voltage drop       Ug       typ. 45 st 4         Momentary current       01200 m         (20 ms, 0.1 Hz)       Operating current       1,         Operating current       1,       typ. 0.7 mA         Molient conditions       -25 70 °C         Ambient conditions       Conection type       cable PVC         Core cross-section       0.34 mm²         Housing material       Stainless st       Standard conformity         Standard	
C E       Image: Signametry of the second seco	
C €       Image: Comparison of the second seco	
C €       Image: Computer Section 1       Image: Computer Section 1 </td <td></td>	
C C C C C C C C C C C C C C C C C C C	
Switching state indicator LED, yellow Ambient conditions Ambient conditions Ambient temperature -2570 °C Mechanical specifications Connection type cable PVC, Core cross-section 0.34 mm <sup>2</sup> Housing material Stainless st Sensing face PBT Degree of protection 1P67 Note 10 In the terr age Up, 80 Startety fuse Ceneral information Scope of delivery 2 self lockin Compliance with standards and directives Standards Conformity Standards EN 60947- I2 uniting flange, 12 mm Standards 12 mm CCC approval CLus Liste CCA approval CCSAus List CCC approval Certified by Dimensions	
Ambient conditions         Ambient temperature       -25 70 °C         Mechanical specifications         J2-12GM50-WS-5M         satures         Comfort series         2 mm flush         Ccessories         G-12         ck mounting bracket with dead stop         12         12         ming flange, 12 mm         Object         CC approval         CC approval         CC approval         CC approval         CC approval	
Ambient temperature       -25 70 °C         Mechanical specifications       Cable PVC .         Connection type       cable PVC .         Core cross-section       0.34 mm²         Housing material       Stainless st         Sensing face       PBT         Degree of protection       IP67         Note       10 In the terr age U, 80         Satety tuse       Satety tuse         Comfort series       Compting bracket with dead stop         12       Compliance with standards and directives         Standard conformity       Standards         Standards       EN 60947-4         IPC 60947-       IEC 60947-4         UL approval       cULus Liste         CSA approval       cCSAus Lis         CCC approval       Certified by	
odel Number       Connection type       cable PVC.         J2-12GM50-WS-5M       Connection type       cable PVC.         Patters       Stainless st       Sensing face       PBT         Degree of protection       IP67       Note       Note       Note         Patters       Comfort series       Stainless st       Sensing face       PBT         Degree of protection       IP67       Note       Note       Note       Note       Note       Stainless st         Comfort series       Comfort series       Ceneral information       Staodards and directives       Standards and directives       Standards       EN 60947-         Compliance with standards and certificates       UL approval       CULus Liste       CSA approval       CCSAus Lis         CCC approval       Certified by       Dimensions       Dimensions       Dimensions	(-13 158 °F)
codel Number       Connection type       cable PVC ,         core cross-section       0.34 mm <sup>2</sup> l2-12GM50-WS-5M       Housing material       Stainless at         eatures       Sensing face       PBT         Degree of protection       IP67       Note         Note <sup>1)</sup> In the terr       age Up. 80Safety fuse         comfort series       Recommen       functioning         2 mm flush       Scope of delivery       2 self lockin         compliance with standards and directives       Standard conformity       sen 60947-5         12       Standard conformity       Standards       EN 60947-5         unting flange, 12 mm       UL approval       cULus Liste         CSA approval       cCSAus List       CCC approval         CCC approval       Certified by	
odel Number       0.34 mm²         J2-12GM50-WS-5M       Core cross-section       0.34 mm²         Housing material       Stainless st         Sensing face       PBT         Degree of protection       IP67         Note <sup>1</sup> ) In the terr age U, 80         Safety fuse       Recommen functioning         Ccessories       Compliance with standards and directives         G-12       Compliance with standards and directives         standard conformity       Standards         12       EN 60947-5         unting flange, 12 mm       CCC approval         CCC approval       CCSAus Liste         CCC approval       Certified by	5 m
Housing material       Stainless st         I2-12GM50-WS-5M       PBT         Degree of protection       IP67         Note <sup>1)</sup> In the terr age U <sub>b</sub> 80         Safety fuse       Recomment         2 mm flush       Scope of delivery         Ccessories       Standard conformity         G-12       Standard conformity         ck mounting bracket with dead stop       12         12       Its and ards         Ining flange, 12 mm       EN 60947-         Approvals and certificates       UL approval         CCC approval       CCT approval         CCC approval       Certified by         Dimensions	
J2-12GM/SU-WS-SIM       Degree of protection       IP67         Note       1 In the term age Up 80Safety fuse Recommen functioning         2 mm flush       Scope of delivery       2 self lockin         Ccessories       Compliance with standards and directives         G-12       Standard conformity       Standards         ck mounting bracket with dead stop       Standards       EN 60947-         12       UL approvals and certificates       UL approval         UL approval       CULus Liste         CSA approval       Certified by         Dimensions       Dimensions	el 1.4305 / AISI 303
Patures       1) In the terr age U <sub>b</sub> 80 Safety tuse         Comfort series       Standards         2 mm flush       Ceneral information         Ccessories       Scope of delivery       2 self lockin         G-12       Compliance with standards and directives       Standards       EN 60947-5         12       IEC 60947       IEC 60947         unting flange, 12 mm       VL approvals and certificates       UL approval       CULus Liste         CSA approval       CSA us List       CCC approval       Certified by         Dimensions       Dimensions       Dimensions       Dimensions	
eatures       age Ub 80         Comfort series       Recomment         2 mm flush       Ceneral information         Ccessories       Scope of delivery       2 self lockin         Compliance with standards and directives       Standard conformity         Standards       EN 60947-5         ilec 60947-       Ilec 60947-6         unting flange, 12 mm       UL approvals and certificates         UL approval       cULus Liste         CSA approval       cCSA us Lis         CCC approval       Certified by         Dimensions       Dimensions	perature range below 0 °C, permissible operating vol
Comfort series       Safety fuse         2 mm flush       General information         Ccessories       Scope of delivery       2 self lockin         G-12       Compliance with standards and directives       Standard conformity         Standards       EN 60947-6       IEC 60947-         12       IEC 60947-       IEC 60947-         UL approvals and certificates       UL approval       cULus Liste         CSA approval       CCSA us Lis       CCC approval         CCC approval       Certified by       Dimensions	253 V
Comfort series       Recomment functioning         2 mm flush       General information         Ccessories       Scope of delivery       2 self locking         General information       Scope of delivery       2 self locking         Compliance with standards and directives       Standard conformity       Standards         Standards       EN 60947-5       IEC 60947-         unting flange, 12 mm       UL approvals and certificates       UL approval       cULus Liste         CSA approval       CCSA us Liste       CCC approval       Certified by         Dimensions       Dimensions       Dimensions       Dimensions	≤ 2 A (quick-blow) according to IEC 60127-2 Sheet 1
2 min itusit       General information         Ccessories       Scope of delivery       2 self lockin         G-12       Compliance with standards and directives       Standard conformity         ick mounting bracket with dead stop       Standard conformity       Standards       EN 60947-5         ilec 60947-       Ilec 60947-       Ilec 60947-         unting flange, 12 mm       UL approvals and certificates       UL us Liste         CSA approval       CCSAus Lis       CCC approval       Certified by         Dimensions       Dimensions       Dimensions       Dimensions	dation: after a short circuit, check that the device is
Scope of delivery       2 self lockin         Compliance with standards and directives         GG-12       Standard conformity         Standards       EN 60947-6         IEC 60947-         UL approvals and certificates         UL approval       CULus Liste         CSA approval       CCSAus Lis         CCC approval       Certified by	correctly.
CCessories       Compliance with standards and directives         KG-12 lick mounting bracket with dead stop = 12 pounting flange, 12 mm       Standard conformity Standards       EN 60947- IEC 60947- UL approvals and certificates         UL approvals and certificates       UL approval       cULus Liste CSA approval         CCC approval       Certified by         Dimensions       Dimensions	nute in another of delivery.
KG-12	g nuts in scope of delivery
ick mounting bracket with dead stop = 12 punting flange, 12 mm   Standards  EN 60947-5 Standards  EN 60947-6 UL approvals and certificates  UL approval  CSA approval  CCC approval  Certified by  Dimensions	
F12     Istantialities     Istantialities       pounting flange, 12 mm     Approvals and certificates       UL approval     cULus Liste       CSA approval     cCSAus List       CCC approval     Certified by	0.0007
Approvals and certificates UL approval CCSA approval CCSAus Liste CCC approval Certified by Dimensions	
UL approval CULus Liste CSA approval CCSAus Lis CCC approval Certified by Dimensions	F2.2001
CSA approval cCSAus Lis CCC approval Certified by Dimensions	
CCC approval Certified by Dimensions	d, General Purpose
Dimensions	ed, General Purpose
	China Compulsory Certification (CCC)
4 17	

## **Electrical Connection**



Refer to "General Notes Relating to Pepperl+Fuchs Product Information"

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NJ2-12GM50-WS-5M