

## MVP12, 6XM12, 5POLE, PLUG. CAP SPT

Plug. cap, field-wireable via spring terminals

6-way, 5-pole Spring clamp plug-in terminals Potential separation as option

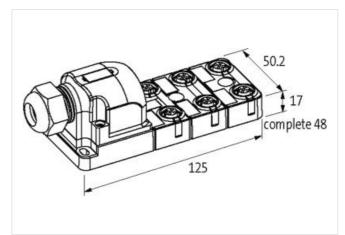
Plastic housings with good resistance against chemicals and oils.

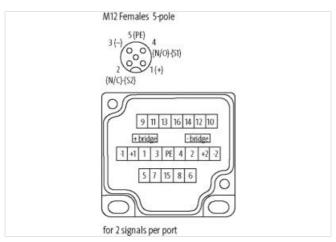
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image





Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-17



stay connected

ECLASS-90   27-40111	ECLASS O O	27440108
ECA.SS-1.10         27440111           ETIM-S.0         20240111           ETIM-S.0         ECOCESSS           customs staff number         8559010           GTIM         404887963357           Packaging unit         1           Electrical data I Supply         Operating valuing DC           Current operating per condant max.         4.A           Total surrent at 2 times current feed in max.         16.A           Industrial communication         Number of signals par port           Number of signals par port         2           Connection cross section max.         1.6 mm²           AVIG number max.         16           Installation I Connection         Spring clamp terminals FK           Mounting set         M12 x 1           Device protection I Electrical         Interpretation of the protection of spring per port set of protection (File ELE BOS29)         Interpretation of the protection of spring clamp terminals FK           Mounting set         M12 x 1         Interpretation of the protection of spring clamp terminals FK           Mounting set         M12 x 1         Interpretation of the protection of spring clamp terminals FK           Mounting set         M12 x 1         Interpretation of the protection of spring clamp terminals FK           Mounting set of protection of spring clamp termina	ECLASS 10.1	
ECA.58.12.0         27440111           ETIM-5.0         EC002696           cuctorism fail mumber         85969010           GTIN         4048870683357           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Current operating per contact max.         4 A           Total current at 1 time current feed-in max.         16 A           Total current at 2 times current feed-in max.         16 A           Institution         Institution Communication           Number of signals per port         2           Institution         Institution Comection consessed on max.           AVIC number max.         16           Institution   Connection         Spring cliamp terminals FK           Mountee max.         1.5 mm²           Additional Condition protection   Electrical         May be protection   Electrical           Degree of protection   File circles           Degree of protection   File circles           Additional condition protection degree           Electron   File circles           Begree of protection   File circles           Begree of protection   File circles <td< td=""><td></td><td></td></td<>		
ETIMS-0         ECONOSION           GTIN         404887903397           Packaging unit         1           Electrical data I Supply         404887903397           Operating voltage DC         24 V           Current operating per contact max.         4 A           Total current at 1 times current feed-in max.         16 A           Industrial communication         4 A           Number of signals per port         2           Connection cross section max.         1.5 mm²           AWG number max.         16           Institution         Mix x           Connection (Connection         Mix x           Connection (En NEC 66889)         PRP           Additional condition protection degree         Serveed, mounted           Device protection (EN IEC 66889)         PRP           Additional condition protection degree         Serveed, mounted           Device protection (EN IEC 66889)         PRP           Additional more important in the protection (EN IEC 66889)         Pastic           Mechanical data (Material data         Mix rent possing members of the protection (EN IEC 66889)           Mechanical data (Material data)         Pastic           Mechanical data (Material data)         Pastic           Mechanical data (Material data)		
castoms larilf number         85369010           GTIN         4448679083357           Packaging unit         1           Electrical data I Supply         V           Operating voltage DC         24 V           Current operating per contact max.         4 A           Total current at 1 time current feed-in max.         16 A           Industrial communication         Industrial communication           Number of signals per port         2           Connection cross section max.         1,5 mm²           AWG number max.         16           Installation I Connection         Installation I Connection           Connection Protection I Electrical         Max 1           Device protection I Electrical         IPP7           Additional condition protection degree         screwed, mounted           Device protection I Media         screwed, mounted           Device protection I Media         screwed, mounted           Mechanical data I Material data         Max 1           Multing method         Schraubgewinde           Height         1.5 mm           Muthing method         Schraubgewinde           Height         1.5 mm           Operating temperature min.         -20 °C           Operating temperature min. </td <td></td> <td></td>		
GTN         4048879693357           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Current operating per contact max.         4 A           Total current at 1 imm current feed-in max.         4 A           Total current at 2 times current feed-in max.         18 A           Industrial communication         Immediate communication           Number of signals per port         2           Connection cross section max.         1.5 mm²           AWG number max.         16           Installation   Connection         Spring clamp terminals FK           Connection   Spring clamp terminals FK         Mounting set           Mounting set         MIZ x 1           Degree of protection [Electrical           Degree of protection [Media         PFG           Additional condition protection degree         Scriewed, mounted           Device protection   Media         Machanical data   Material data           Machanical data   Material data         Machanical data   Material data           Machanical data   Mounting data         Mounting method         Schraubgewinde           Height         125 mm           Width         50.2 mm         7 mm           Coperating temperatur		
Packaging unit		
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Caperating voitage DC		'
Current operating per content teach in max.         4 A           Total current at 1 time current feech in max.         16 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation         Connection cross section max.         1.5 mm²           AWG number max.         16           Installation   Connection         Spring clamp terminals FK           Connection Connection         Spring clamp terminals FK           Mounting set         Mf2 x 1           Degree of protection [Electrical         Per Connection (Electrical)           Degree of protection (EN IEC 60599)         P67           Additional condribin protection degree         screwed, mounted           Device protection [Media         Itame related at           Mechanical data   Material data         Malarial housing           Mechanical data   Mounting data         Plassic           Mounting method         Schraubgewinde           Height         125 mm           Depth         17 mm           Environmental characteristics   Climato         Concepting temperature mix.         30 °C           Operating temperature mix.         30 °C           Operating temperature mix.         30 °C           Color contact carrier<		
Total current at 1 time current feed in max.		
Total current at 2 times current feed-in max.		
Industrial communication           Number of signals per port         2           Installation           Connection cross section max.         1,5 mm²           AWG number max.         16           Installation   Connection           Connection   Connection           Spring clamp terminals FK           Mounting set         M12 x 1           Degree of protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Addition condition protection degree         screwed, mounted           Device protection   Medical ordition protection degree         screwed, mounted           Device protection   Medical data           Mechanical data   Material data           Mechanical data   Material data           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         125 mm           Mounting method         50 z mm           Dept method from protection   Fig. 2 min           Environmental characteristics   Climatic           Operating temperature max.         20 °C           <		
Number of signals per port         2           Installation         1,5 mm²           AWG number max.         16           Installation   Connection         Installation   Connection           Connection         Spring clamp terminals FK           Mounting set         M12 x 1           Device protection   Electrical         Device protection   Electrical           Degree of protection   [EN IEC 60529)         IP67           Additional condition protection degree         screwed, mounted           Device protection   Media         Image: Material resistance           Flame resistance         flame retardant           Mechanical data   Munting data         Mounting method           Mechanical data   Munting data         Schraubgewinde           Meleght         125 mm           Width         50.2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature max.         80 °C           Conception type 2         Family construction form           Row of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A	Total current at 2 times current feed-in max.	16 A
Installation	Industrial communication	
Connection cross section max.   1,5 mm²	Number of signals per port	2
Installation   Connection   Connection   Spring clamp terminals FK	Installation	
Installation   Connection   Connection   Spring clamp terminals FIK	Connection cross section max.	1,5 mm²
Connection         Spring clamp terminals FK           Mounting set         M12 x 1           Decide protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         screwed, mounted           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data           Material housing         Plastic           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         125 mm           Width         50,2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature max.         20 °C           Operating temperature max.         80 °C           Connection type 2         Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           FIN 1         24 V DC <t< td=""><td>AWG number max.</td><td>16</td></t<>	AWG number max.	16
Connection         Spring clamp terminals FK           Mounting set         M12 x 1           Decide protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         screwed, mounted           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data           Material housing         Plastic           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         125 mm           Width         50,2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature max.         20 °C           Operating temperature max.         80 °C           Connection type 2         Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           FIN 1         24 V DC <t< td=""><td>Installation   Connection</td><td></td></t<>	Installation   Connection	
Device protection   Electrical		Spring clamp terminals FK
Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         screwed, mounted           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data           Material housing         Plastic           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         125 mm           Width         50.2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Connection type 2           Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           FIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1 </td <td></td> <td></td>		
Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         screwed, mounted           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Material housing         Plastic           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Height         125 mm         Width         50,2 mm           Depth         17 mm         Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Connection type 2         Earnily construction form         Cap           No. of poles         21         Family construction form         M12           Gender         female         Color contact carrier         black           Coding         A         No. of poles         5           PIN 1         24 V DC         PIN 2         S 2           PIN 3         0 V         PIN 3         0 V           PIN 4         S 1		WILE X
Additional condition protection degree screwed, mounted    Device protection   Media		
Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Material housing         Plastic           Mechanical data   Mounting data         Mounting method         Schraubgewinde           Height         125 mm         Width         50.2 mm           Depth         17 mm         Environmental characteristics   Climatic           Operating temperature min.         -20 °C         Coperating temperature max.         80 °C           Connection type 2         Emily construction form         Cap           No. of poles         21         Family construction form         M12           Gender         female         Color contact carrier         black           Coding         A         No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
Flame resistance   flame retardant	Additional condition protection degree	screwed, mounted
Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data       Mounting method     Schraubgewinde       Height     125 mm       Width     50,2 mm       Depth     17 mm       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Connection type 2       Family construction form     Cap       No. of poles     21       Family construction form     M12       Gender     female       Color contact carrier     black       Coding     A       No. of poles     5       PIN 1     24 V DC       PIN 2     S 2       PIN 3     0 V       PIN 4     S 1	Device protection   Media	
Material housing Plastic   Mechanical data   Mounting data Mounting method Schraubgewinde   Height 125 mm   Width 50,2 mm   Depth 17 mm   Environmental characteristics   Climatic   Operating temperature min20 °C   Operating temperature max. 80 °C   Connection type 2   Family construction form Cap   No. of poles 21   Family construction form M12   Gender female   Color contact carrier black   Coding A   No. of poles 5   PIN 1 24 V DC   PIN 2 S 2   PIN 3 0 V   PIN 4 S 1	Flame resistance	flame retardant
Mechanical data   Mounting data           Mounting method         Schraubgewinde           Height         125 mm           Wridth         50,2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Connection type 2           Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1	Mechanical data   Material data	
Mounting method         Schraubgewinde           Height         125 mm           Width         50,2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Connection type 2           Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1	Material housing	Plastic
Height	Mechanical data   Mounting data	
Width         50,2 mm           Depth         17 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Connection type 2         Family construction form           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1	Mounting method	Schraubgewinde
Depth         17 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Connection type 2         Pamily construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1	Height	125 mm
Environmental characteristics   Climatic  Operating temperature min. Operating temperature max. 80 °C  Connection type 2  Family construction form Cap  No. of poles 21  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 24 V DC  PIN 2 S 2  PIN 3 0 V  PIN 4 S 1	Width	50,2 mm
Operating temperature min. Operating temperature max. 80 °C  Connection type 2  Family construction form Cap No. of poles 21  Family construction form M12  Gender female  Color contact carrier black  Coding A No. of poles 5  PIN 1 24 V DC  PIN 2 S 2  PIN 3 0 V  PIN 4 S 1	Depth	17 mm
Operating temperature min. Operating temperature max. 80 °C  Connection type 2  Family construction form Cap No. of poles 21  Family construction form M12  Gender female  Color contact carrier black  Coding A No. of poles 5  PIN 1 24 V DC  PIN 2 S 2  PIN 3 0 V  PIN 4 S 1	Environmental characteristics   Climatic	
Operating temperature max. 80 °C  Connection type 2  Family construction form Cap  No. of poles 21  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 24 V DC  PIN 2 S 2  PIN 3 0 V  PIN 4 S 1		-20 °C
Connection type 2           Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
Family construction form         Cap           No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
No. of poles         21           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		Can
Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1	•	
Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1	· · · · · · · · · · · · · · · · · · ·	
Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
No. of poles         5           PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
PIN 1         24 V DC           PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
PIN 2         S 2           PIN 3         0 V           PIN 4         S 1		
PIN 3 0 V PIN 4 S 1	PIN 2	
PIN 5 PE	PIN 4	S1
	PIN 5	PE