

Connection Modules
IP69/IP20



FLEXIBLE CONNECTION.

High-performance connection modules for your cabling infrastructure..

CONNECTION MODULE VM-PRO CLASS FA (1.000 MHZ) IP67

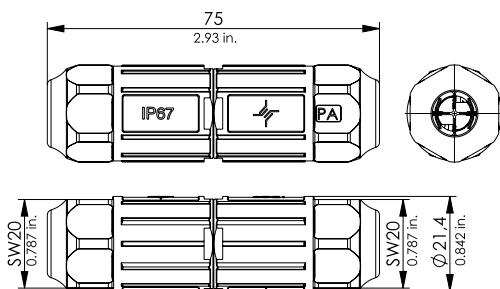
The connection module VM-Pro Class FA IP67 is the perfect choice to connect twisted pair cables in links up to class FA according to ISO/IEC 11801 and EN 50173 reliably. It can be used for horizontal cables with solid wires as well as for flexible cables and cords with stranded wires, for shielded and unshielded cables with wires from AWG 22 to AWG 27 and an outer diameter from 5.5 to 9.0 mm.

Thanks to its compact housing, the module can be used in confined spaces. Installation requires no special tools and can be done with just a few simple steps. The robust, isolated and touch-safe IP67 design makes the VM-Pro 8-8 Class FA IP67 the ideal solution for various applications like extending or repairing cables in industrial, office and residential cabling. The module is completely shielded, isolated due to the plastic housing and has a reliable strain relief.

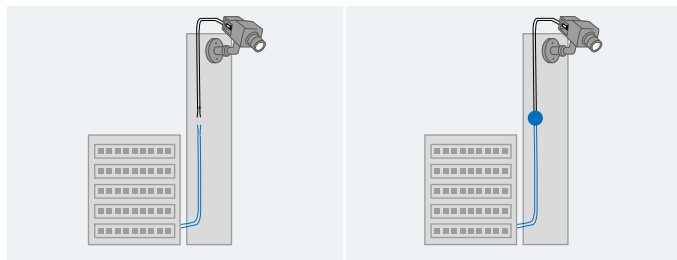


Performance Characteristics

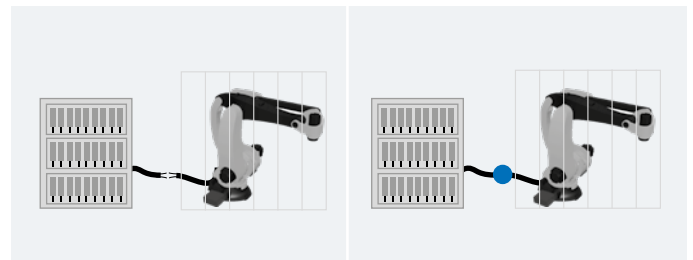
- class F_A (1000 MHz)
- real-time re-embedded tested
- suitable for shielded and unshielded horizontal cables and cords
- accepts solid and stranded wires
- touch-safe design
- electrically isolated housing (insulation resistance $30 \times 10^{12} \Omega$)
- IDC contacts
- wire size AWG 27 – AWG 22
- wire diameter: 0.85 mm – 1.6 mm
- cable diameter: 5.5 mm – 9.0 mm
- twisted pairs can be brought up to the IDC contacts without untwisting
- EMC save according to EN 61000-6-1 and EN 61000-6-2
- suitable for 4PPoE according to IEEE 802.3bt
- temperature range: -40 °C – +85 °C
- IP67 rated
- can be reconnected up to four times



Examples of applications



Extending cables inside of buildings or connecting indoor and outdoor cables



Repairing or rerouting cables when facility layouts change

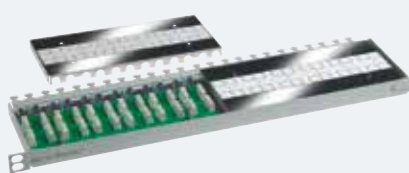
Part no.	Description	Remarks	Colour
100007547	VM-Pro 8-8 Class FA IP67	AWG 27-22	black

CONNECTION MODULES

CAT.7_A 1.000 MHZ

VM 8-8 modules Cat.7A have been proving their worth for years connecting shielded and unshielded cat.5/5e/6/6A/7/7A cables. Rerouting, extending and repairing cables minimize effort, costs and interruption of operation as the cables can still be used instead of having to be replaced. VM 8-8 modules are available for one, six and twelve four-pair links. The module does not affect the maximum link length.

Multi 12x VM 8-8 Cat.7_A
19" 0.5U multi connection module for 12 shielded or unshielded links



Multi 6x VM 8-8 Cat.7_A
Wall-mount housing for 6 shielded or unshielded links



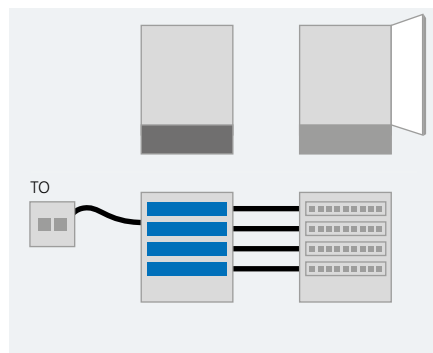
VM 8-8 Cat.7_A
Single connection module for one shielded or unshielded link, also available with DIN rail mount adaptor.



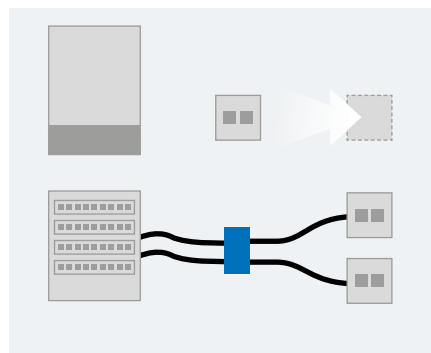
Performance Characteristics

- class 7_A (1000 MHz)
- real-time re-embedded tested
- suitable for shielded and unshielded horizontal cables with solid wires
- colour coding T568A and T568B
- LSA Plus IDC contacts soldered into a common printed circuit board
- wire size AWG 26/1 – AWG 22/1
- wire diameter: 0.7 mm – 1.6 mm
- cable diameter: 5.5 mm – 9.0 mm
- suitable for 4PPoE according to IEEE 802.3bt
- twisted pairs can be brought up to the IDC contacts without untwisting
- reliable shield contact with screw-type terminals directly on the printed circuit board
- grounding connection directly on the printed circuit board (M4 screw)
- EMC save according to EN 61000-6-1 and EN 61000-6-2
- tool-less mounting of the cover made of stainless steel (19" and wall-mount housing only)
- temperature range: -40 °C – +70 °C
- can be reconnected up to 50 times

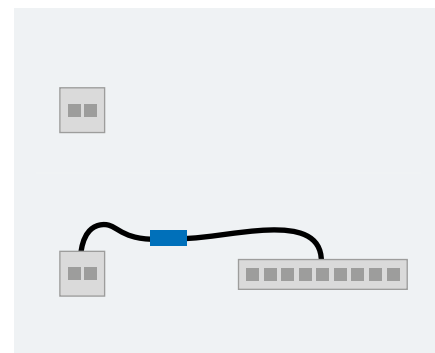
Examples of applications



Rerouting cables



Extending cables



Repairing cables

Part no.	Description	Remarks	Colour
100023276	Multi 12x VM 8-8 Cat.7 _A	19" 1/2 HE Multi Connection Module	light grey
100023275	Multi 6x VM 8-8 Cat.7 _A	Multi Connection Module for Wall Mounting	light grey
100023273	VM 8-8 Cat.7 _A	Connection Module	black
100023277	VM 8-8 Cat.7 _A with mounting rail adaptor	Connection Module	black



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