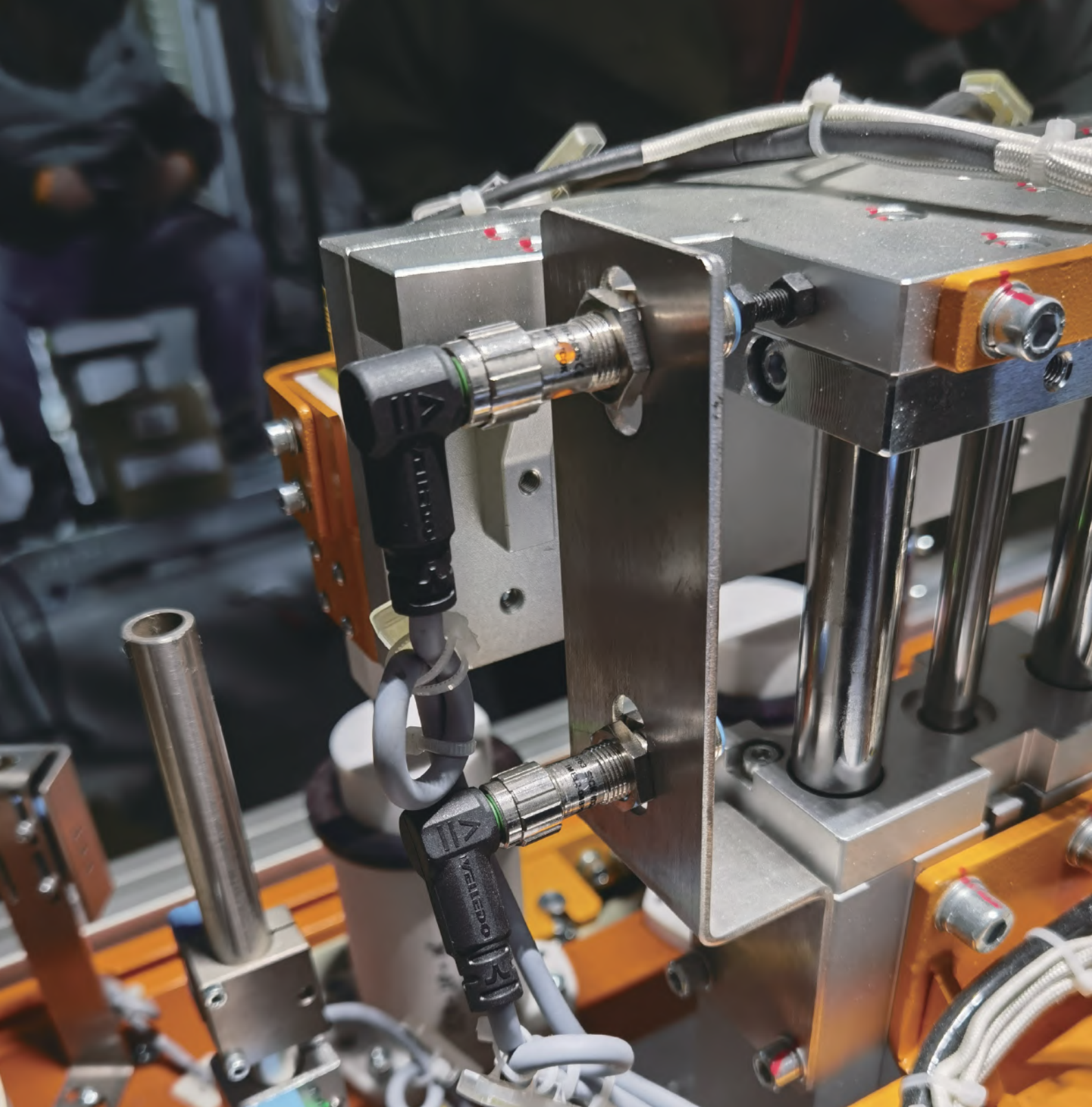
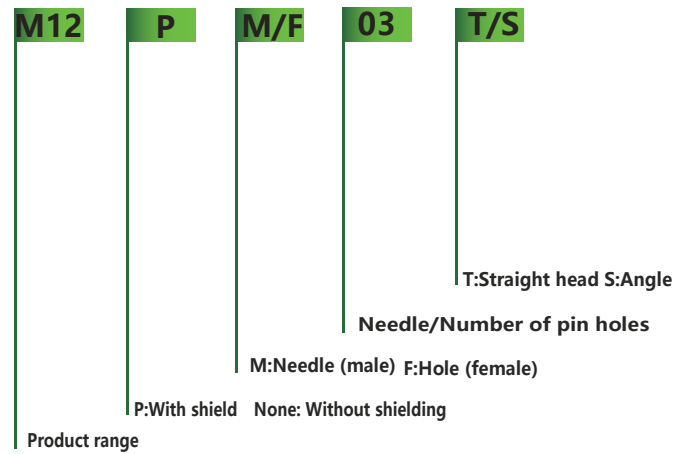




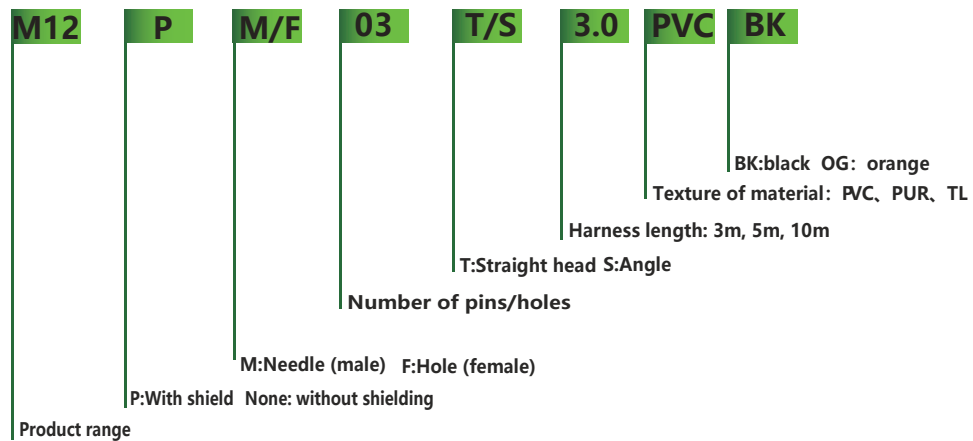
M12 Connector/Harness



品名: 连接器
规格: M12
Krius 本注: 466-2
日期: 2018-10-20

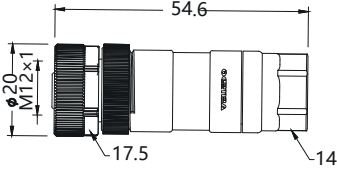
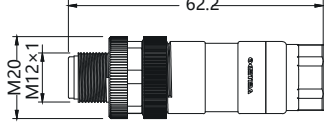
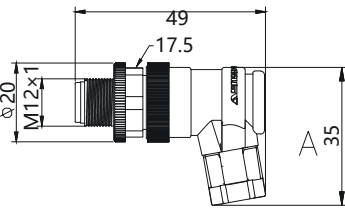
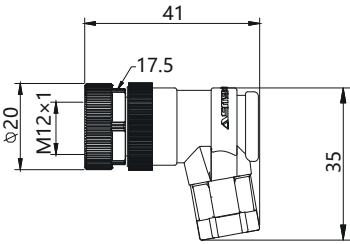
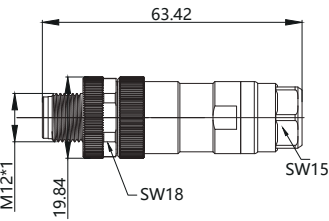


M12 Connector Harness Naming



M12 Connector Designation

Field-wireable Screw terminals

Product drawing	Product size	Partnumber	Pins Assignment
		M12-F03T	
		M12-F04T	
		M12-F05T	
		M12-F08T	
		M12-M03T	
		M12-M04T	
		M12-M05T	
		M12-M08T	
		M12-M03S	
		M12-M04S	
		M12-M05S	
		M12-M08S	
		M12-F03S	
		M12-F04S	
		M12-F05S	
		M12-F08S	
		M12P-M03T	
		M12P-M04T	
		M12P-M05T	
		M12P-M08T	



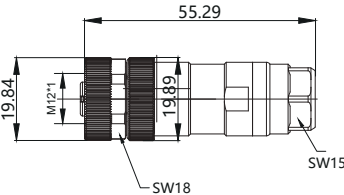
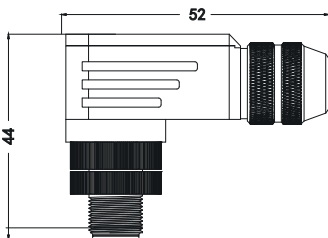
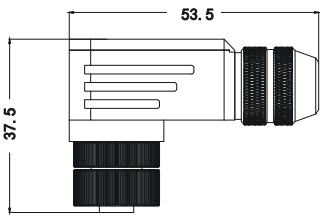
Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM



ISO 9001 (2015) quality management system

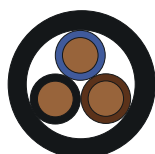
M12 Connector Designation

Field-wireable Screw terminals

Product drawing	Product size	Partnumber	Pins Assignment	
 Shield		M12P-F03T		
		M12P-F04T		
		M12P-F05T		
		M12P-F08T		
 Shield		M12P-M03S		
		M12P-M04S		
		M12P-M05S		
		M12P-M08S		
 Shield		M12P-F03S		
		M12P-F04S		
		M12P-F05S		
		M12P-F08S		
Specification and model	3core	4core	5core	8core
Rated voltage	250V AC/DC	250V AC/DC	125V AC/DC	60V AC/DC
Rated current	MAX.4A	MAX.4A	MAX.4A	MAX.4A
Line pressing range	MAX.0.75mm	MAX.0.75mm	MAX.0.75mm	MAX.0.5mm
ProtectionClass(IEC 60529)	IP65	IP65	IP65	IP65
Ambient temperature	-25~+85℃	-25~+85℃	-25~+85℃	-25~+85℃
Housing material	Flame retardant plastics	Flame retardant plastics	Flame retardant plastics	Flame retardant plastics

Length/Material Could be customized according to different enviroment ,like extrame tempreture and acid/alkali

Optional cable



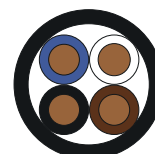
black/BK

Order model

Shield
PVC3C0.34P.BK
PUR3C0.34P.BK
TL3C0.34P.BK

Order model

Unshielded
PVC3C0.34.BK
PUR3C0.34.BK
TL3C0.34.BK



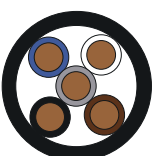
black/BK

Order model

Shield
PVC4C0.34P.BK
PUR4C0.34P.BK
TL4C0.34P.BK

Order model

Unshielded
PVC4C0.34.BK
PUR4C0.34.BK
TL4C0.34.BK



black/BK

Order model

Shield
PVC5C0.34P.BK
PUR5C0.34P.BK
TL5C0.34P.BK

Order model

Unshielded
PVC5C0.34.BK
PUR5C0.34.BK
TL5C0.34.BK



black/BK

Order model

S hield
PVC8C0.25P.BK
PUR8C0.25P.BK
TL8C0.25P.BK

Order model

Unshielded
PVC8C0.25.BK
PUR8C0.25.BK
TL8C0.25.BK



M12 Connector Designation

Front Mounting

Product drawing	Product size	Hole drawing	Partnumber	Pins Assignment
			FLQ-M12-M03(M12)-HB	
			FLQ-M12-M03(PG9)-HB	
			FLQ-M12-M03(M16)-HB	
			FLQ-M12-M04(M12)-HB	
			FLQ-M12-M04(PG9)-HB	
			FLQ-M12-M04(M16)-HB	
			FLQ-M12-M05(M12)-HB	
			FLQ-M12-M05(PG9)-HB	
			FLQ-M12-M05(M16)-HB	
			FLQ-M12-M08(M12)-HB	
			FLQ-M12-M08(PG9)-HB	
			FLQ-M12-M08(M16)-HB	
			FLQ-M12-M12(M12)-HB	
			FLQ-M12-M12(PG9)-HB	
			FLQ-M12-M12(M16)-HB	
			FLQ-M12-F03(M12)-HB	
			FLQ-M12-F03(PG9)-HB	
			FLQ-M12-F03(M16)-HB	
			FLQ-M12-F04(M12)-HB	
			FLQ-M12-F04(PG9)-HB	
			FLQ-M12-F04(M16)-HB	
			FLQ-M12-F05(M12)-HB	
			FLQ-M12-F05(PG9)-HB	
			FLQ-M12-F05(M16)-HB	
			FLQ-M12-F08(M12)-HB	
			FLQ-M12-F08(PG9)-HB	
			FLQ-M12-F08(M16)-HB	



Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM

M12 Connector Designation

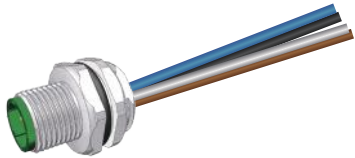
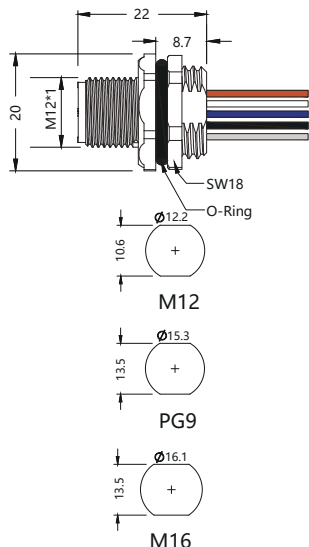
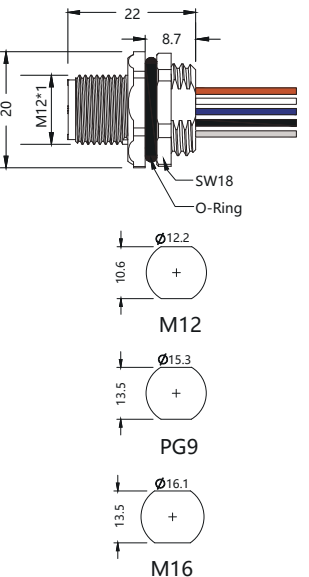
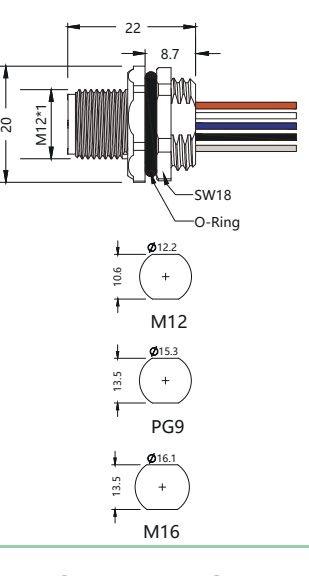
Front Mounting

Product drawing	Product size	Hole drawing	Partnumber	Pins Assignment
			FLH-M12-M03(M12)-HB	
			FLH-M12-M03(PG9)-HB	
			FLH-M12-M03(M16)-HB	
			FLH-M12-M04(M12)-HB	
			FLH-M12-M04(PG9)-HB	
			FLH-M12-M04(M16)-HB	
			FLH-M12-M05(M12)-HB	
			FLH-M12-M05(PG9)-HB	
			FLH-M12-M05(M16)-HB	
			FLH-M12-M08(M12)-HB	
			FLH-M12-M08(PG9)-HB	
			FLH-M12-M08(M16)-HB	
			FLH-M12-M12(M12)-HB	
			FLH-M12-M12(PG9)-HB	
			FLH-M12-M12(M16)-HB	
			FLH-M12-F03(PG9)-HB	
			FLH-M12-F03(M16)-HB	
			FLH-M12-F04(PG9)-HB	
			FLH-M12-F04(M16)-HB	
			FLH-M12-F05(PG9)-HB	
			FLH-M12-F05(M16)-HB	
			FLH-M12-F08(PG9)-HB	
			FLH-M12-F08(M16)-HB	



M12 Connector Designation

Front Mounting

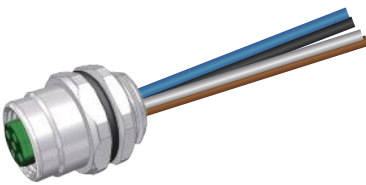
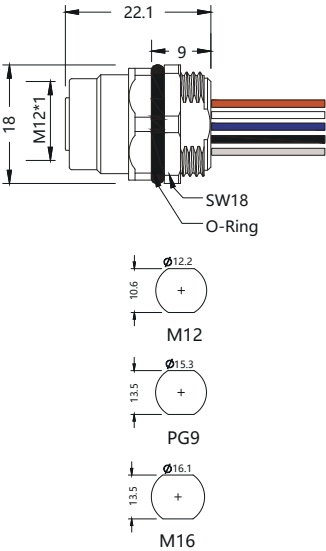
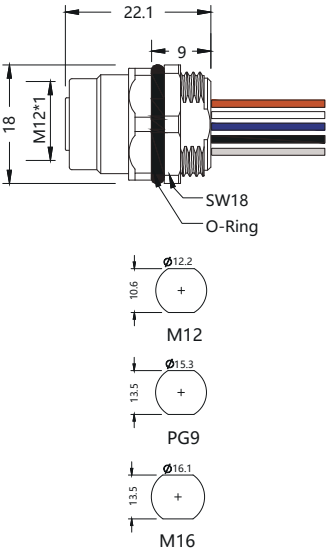
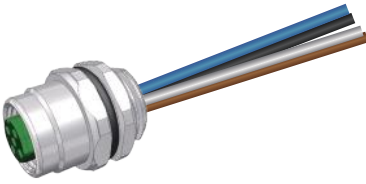
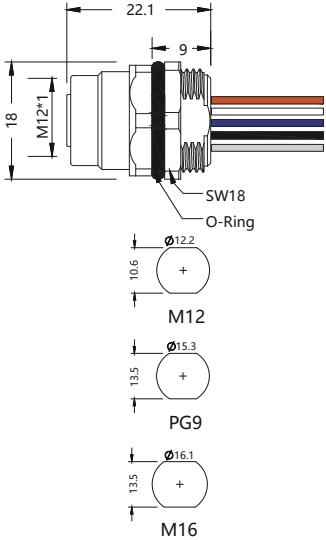
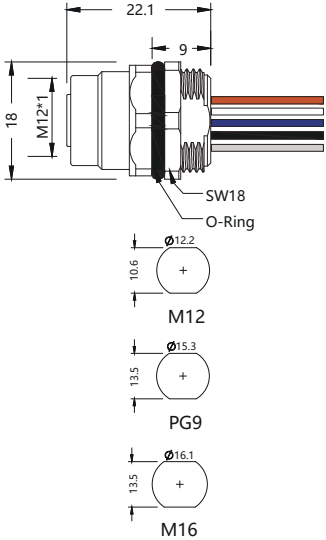
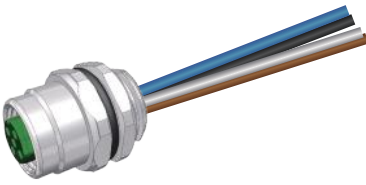
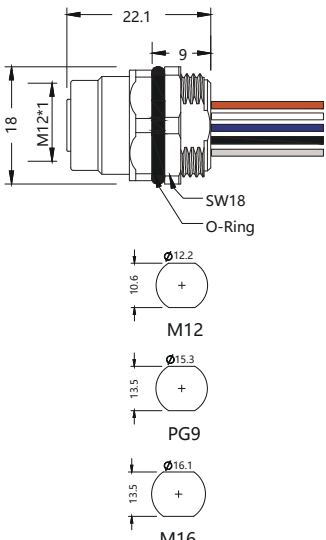
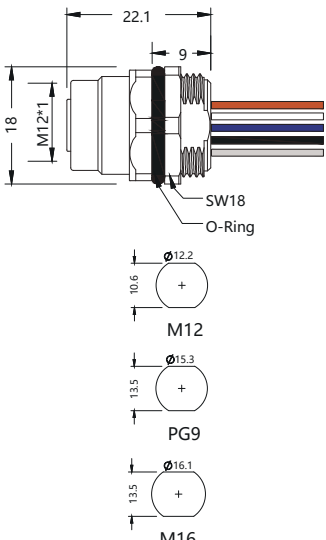
Product drawing	Product size	Hole drawing	Partnumber	Pins Assignment
			FLQ-M12-M03(M12)-0.2	
			FLQ-M12-M03(M12)-0.3	
			FLQ-M12-M03(M12)-0.5	
			FLQ-M12-M03(PG9)-0.2	
			FLQ-M12-M03(PG9)-0.3	
			FLQ-M12-M03(PG9)-0.5	
			FLQ-M12-M03(M16)-0.2	
			FLQ-M12-M03(M16)-0.3	
			FLQ-M12-M03(M16)-0.5	
			FLQ-M12-M04(M12)-0.2	
			FLQ-M12-M04(M12)-0.3	
			FLQ-M12-M04(M12)-0.5	
			FLQ-M12-M04(PG9)-0.2	
			FLQ-M12-M04(PG9)-0.3	
			FLQ-M12-M04(PG9)-0.5	
			FLQ-M12-M04(M16)-0.2	
			FLQ-M12-M04(M16)-0.3	
			FLQ-M12-M04(M16)-0.5	
			FLQ-M12-M05(M12)-0.2	
			FLQ-M12-M05(M12)-0.3	
			FLQ-M12-M05(M12)-0.5	
			FLQ-M12-M05(PG9)-0.2	
			FLQ-M12-M05(PG9)-0.3	
			FLQ-M12-M05(PG9)-0.5	
			FLQ-M12-M05(M16)-0.2	
			FLQ-M12-M05(M16)-0.3	
			FLQ-M12-M05(M16)-0.5	
			FLQ-M12-M08(M12)-0.2	
			FLQ-M12-M08(M12)-0.3	
			FLQ-M12-M08(M12)-0.5	
			FLQ-M12-M08(PG9)-0.2	
			FLQ-M12-M08(PG9)-0.3	
			FLQ-M12-M08(PG9)-0.5	
			FLQ-M12-M08(M16)-0.2	
			FLQ-M12-M08(M16)-0.3	
			FLQ-M12-M08(M16)-0.5	
			FLQ-M12-M12(M12)-0.2	
			FLQ-M12-M12(M12)-0.3	
			FLQ-M12-M12(M12)-0.5	
			FLQ-M12-M12(PG9)-0.2	
			FLQ-M12-M12(PG9)-0.3	
			FLQ-M12-M12(PG9)-0.5	
			FLQ-M12-M12(M16)-0.2	
			FLQ-M12-M12(M16)-0.3	
			FLQ-M12-M12(M16)-0.5	
			FLQ-M12-M17(M12)-0.2	
			FLQ-M12-M17(M12)-0.3	
			FLQ-M12-M17(M12)-0.5	
			FLQ-M12-M17(PG9)-0.2	
			FLQ-M12-M17(PG9)-0.3	
			FLQ-M12-M17(PG9)-0.5	
			FLQ-M12-M17(M16)-0.2	
			FLQ-M12-M17(M16)-0.3	
			FLQ-M12-M17(M16)-0.5	



Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM

M12 Connector Sesignation

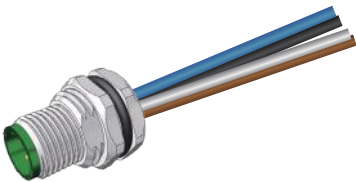
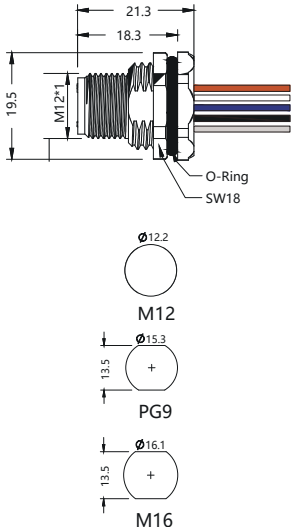
Front Mounting

Product drawing	Product size	Hole drawing	Partnumber	Pins Assignment
			FLQ-M12-F03(M12)-0.2 FLQ-M12-F03(M12)-0.3 FLQ-M12-F03(M12)-0.5 FLQ-M12-F03(PG9)-0.2 FLQ-M12-F03(PG9)-0.3 FLQ-M12-F03(PG9)-0.5 FLQ-M12-F03(M16)-0.2 FLQ-M12-F03(M16)-0.3 FLQ-M12-F03(M16)-0.5	
			FLQ-M12-F04(M12)-0.2 FLQ-M12-F04(M12)-0.3 FLQ-M12-F04(M12)-0.5 FLQ-M12-F04(PG9)-0.2 FLQ-M12-F04(PG9)-0.3 FLQ-M12-F04(PG9)-0.5 FLQ-M12-F04(M16)-0.2 FLQ-M12-F04(M16)-0.3 FLQ-M12-F04(M16)-0.5	
			FLQ-M12-F05(M12)-0.2 FLQ-M12-F05(M12)-0.3 FLQ-M12-F05(M12)-0.5 FLQ-M12-F05(PG9)-0.2 FLQ-M12-F05(PG9)-0.3 FLQ-M12-F05(PG9)-0.5 FLQ-M12-F05(M16)-0.2 FLQ-M12-F05(M16)-0.3 FLQ-M12-F05(M16)-0.5	
			FLQ-M12-F08(M12)-0.2 FLQ-M12-F08(M12)-0.3 FLQ-M12-F08(M12)-0.5 FLQ-M12-F08(PG9)-0.2 FLQ-M12-F08(PG9)-0.3 FLQ-M12-F08(PG9)-0.5 FLQ-M12-F08(M16)-0.2 FLQ-M12-F08(M16)-0.3 FLQ-M12-F08(M16)-0.5	
			FLQ-M12-F12(M12)-0.2 FLQ-M12-F12(M12)-0.3 FLQ-M12-F12(M12)-0.5 FLQ-M12-F12(PG9)-0.2 FLQ-M12-F12(PG9)-0.3 FLQ-M12-F12(PG9)-0.5 FLQ-M12-F12(M16)-0.2 FLQ-M12-F12(M16)-0.3 FLQ-M12-F12(M16)-0.5	
			FLQ-M12-F17(M12)-0.2 FLQ-M12-F17(M12)-0.3 FLQ-M12-F17(M12)-0.5 FLQ-M12-F17(PG9)-0.2 FLQ-M12-F17(PG9)-0.3 FLQ-M12-F17(PG9)-0.5 FLQ-M12-F17(M16)-0.2 FLQ-M12-F17(M16)-0.3 FLQ-M12-F17(M16)-0.5	



M12 Connector Designation

Back Mounting

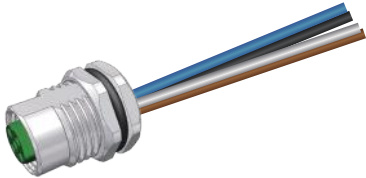
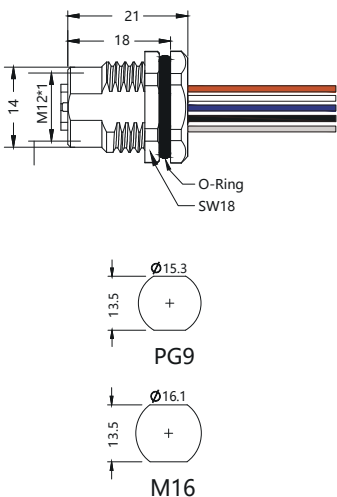
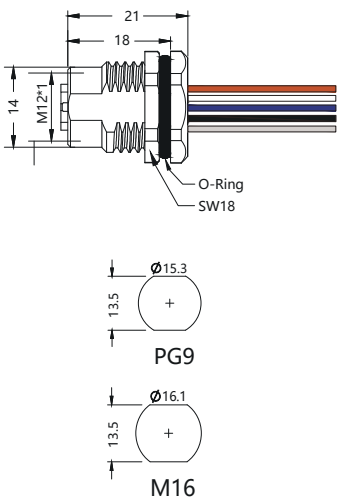
Product drawing	Product size Hole drawing	Partnumber	Pins Assignment
		FLH-M12-M03(M12)-0.2 FLH-M12-M03(M12)-0.3 FLH-M12-M03(M12)-0.5 FLH-M12-M03(PG9)-0.2 FLH-M12-M03(PG9)-0.3 FLH-M12-M03(PG9)-0.5 FLH-M12-M03(M16)-0.2 FLH-M12-M03(M16)-0.3 FLH-M12-M03(M16)-0.5	
		FLH-M12-M04(M12)-0.2 FLH-M12-M04(M12)-0.3 FLH-M12-M04(M12)-0.5 FLH-M12-M04(PG9)-0.2 FLH-M12-M04(PG9)-0.3 FLH-M12-M04(PG9)-0.5 FLH-M12-M04(M16)-0.2 FLH-M12-M04(M16)-0.3 FLH-M12-M04(M16)-0.5	
		FLH-M12-M05(M12)-0.2 FLH-M12-M05(M12)-0.3 FLH-M12-M05(M12)-0.5 FLH-M12-M05(PG9)-0.2 FLH-M12-M05(PG9)-0.3 FLH-M12-M05(PG9)-0.5 FLH-M12-M05(M16)-0.2 FLH-M12-M05(M16)-0.3 FLH-M12-M05(M16)-0.5	
		FLH-M12-M08(M12)-0.2 FLH-M12-M08(M12)-0.3 FLH-M12-M08(M12)-0.5 FLH-M12-M08(PG9)-0.2 FLH-M12-M08(PG9)-0.3 FLH-M12-M08(PG9)-0.5 FLH-M12-M08(M16)-0.2 FLH-M12-M08(M16)-0.3 FLH-M12-M08(M16)-0.5	
		FLH-M12-M12(M12)-0.2 FLH-M12-M12(M12)-0.3 FLH-M12-M12(M12)-0.5 FLH-M12-M12(PG9)-0.2 FLH-M12-M12(PG9)-0.3 FLH-M12-M12(PG9)-0.5 FLH-M12-M12(M16)-0.2 FLH-M12-M12(M16)-0.3 FLH-M12-M12(M16)-0.5	
		FLH-M12-M17(M12)-0.2 FLH-M12-M17(M12)-0.3 FLH-M12-M17(M12)-0.5 FLH-M12-M17(PG9)-0.2 FLH-M12-M17(PG9)-0.3 FLH-M12-M17(PG9)-0.5 FLH-M12-M17(M16)-0.2 FLH-M12-M17(M16)-0.3 FLH-M12-M17(M16)-0.5	



Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM

M12 Connector Designation

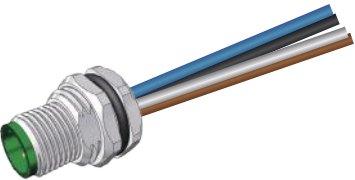
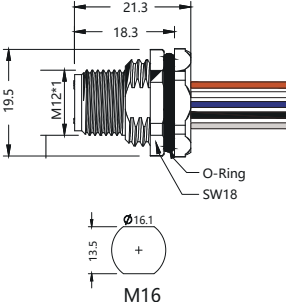
Back Mounting

Product drawing	Product size	Hole drawing	Partnumber	Pins Assignment
			FLH-M12-F03(PG9)-0.2 FLH-M12-F03(PG9)-0.3 FLH-M12-F03(PG9)-0.5 FLH-M12-F03(M16)-0.2 FLH-M12-F03(M16)-0.3 FLH-M12-F03(M16)-0.5	
			FLH-M12-SF04(PG9)-0.2 FLH-M12-SF04(PG9)-0.3 FLH-M12-SF04(PG9)-0.5	
			FLH-M12-TF04(PG9)-0.2 FLH-M12-TF04(PG9)-0.3 FLH-M12-TF04(PG9)-0.5	
			FLH-M12-TF04(M16)-0.2 FLH-M12-TF04(M16)-0.3 FLH-M12-TF04(M16)-0.5	
			FLH-M12-F04(PG9)-0.2 FLH-M12-F04(PG9)-0.3 FLH-M12-F04(PG9)-0.5 FLH-M12-F04(M16)-0.2 FLH-M12-F04(M16)-0.3 FLH-M12-F04(M16)-0.5	
			FLH-M12-F05(PG9)-0.2 FLH-M12-F05(PG9)-0.3 FLH-M12-F05(PG9)-0.5 FLH-M12-F05(M16)-0.2 FLH-M12-F05(M16)-0.3 FLH-M12-F05(M16)-0.5	
			FLH-M12-F08(PG9)-0.2 FLH-M12-F08(PG9)-0.3 FLH-M12-F08(PG9)-0.5 FLH-M12-F08(M16)-0.2 FLH-M12-F08(M16)-0.3 FLH-M12-F08(M16)-0.5	
			FLH-M12-F12(PG9)-0.2 FLH-M12-F12(PG9)-0.3 FLH-M12-F12(PG9)-0.5 FLH-M12-F12(M16)-0.2 FLH-M12-F12(M16)-0.3 FLH-M12-F12(M16)-0.5	
			FLH-M12-F17(PG9)-0.2 FLH-M12-F17(PG9)-0.3 FLH-M12-F17(PG9)-0.5 FLH-M12-F17(M16)-0.2 FLH-M12-F17(M16)-0.3 FLH-M12-F17(M16)-0.5	

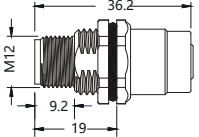
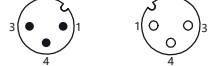
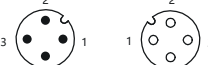
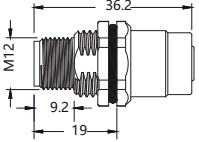
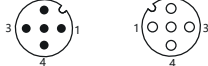
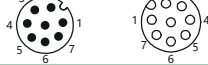


M12 Connector Designation

Back Mounting

Product drawing	Product size	Hole drawing	Partnumber	Pins Assignment
			FLH-M12-TM04(M16)-0.2 FLH-M12-TM04(M16)-0.3 FLH-M12-TM04(M16)-0.5	

Two-way flange

Product drawing	Product size	Hole drawing	Specification and model	Hole location definition
			FL-M12-M03/F03(M16)	
			FL-M12-M04/F04(M16)	
			FL-M12-M05/F05(M16)	
			FL-M12-M08/F08(M16)	

Rated voltage	125V AC/DC	60V AC/DC
Rated current	MAX.4A	
ProtectionClass(IEC 60529)	IP67	
Ambient temperature	-25~+85°C	



Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM



ISO 9001 (2015) quality management system

M12 Connector Designation

Y-type connector

Product drawing	Product size	Circuit & PN	Circuit & PN	Pin Assignment & PN
		 Y-M12-F05/M05/F05B	 Y-M12-F04/M04/F04B	 Y-M12-F04/M04/F04B Y-M12-F05/M05/F05B
		 Y-M12-F05/M05/F05A Y-M12-F04/M03/F03C	 Y-M12-F04/M04/F04A	 Y-M12-F05/M05/F05A Y-M12-F04/M04/F04A
		 Y-M12-M04/M8-2F03C	 Y-M12-M04/M8-2F04A	 Y-M12-M04/M8-2F03C Y-M12-M04/M8-2F04A
		 Y-M12-M04/M8-2F04B		 Y-M12-M04/M8-2F04B
		 Y-M12-M05/2F04C Y-M12-M04/2F03C	 Y-M12-M05/2F05B Y-M12-M04/2F04B	 Y-M12-M05/2F04C Y-M12-M05/2F05B Y-M12-M04/2F04B
		 Y-M12-M05/2F05D Y-M12-M04/2F04D	 Y-M12-M05/2F05A Y-M12-M04/2F04A	 Y-M12-M05/2F05D Y-M12-M05/2F05A Y-M12-M04/2F04A

Rated voltage 60V AC/DC

Rated current MAX.4A

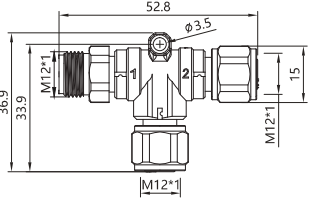
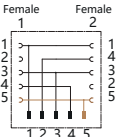
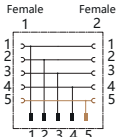
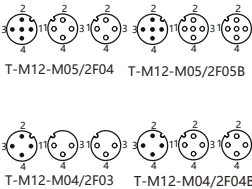
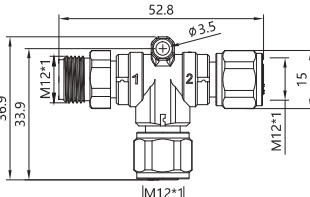
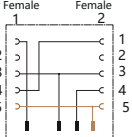
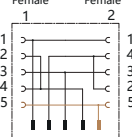
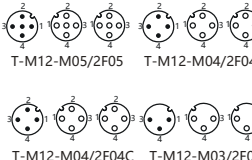
ProtectionClass(IEC 60529) IP67

A mbient temperature -25~+85℃



M12 Connector Designation

T-type connector

Product drawing	Product size	Circuit & PN	Circuit & PN	Pin Assignment & PN
 		 T-M12-M05/2F04 T-M12-M04/2F03	 T-M12-M05/2F05B T-M12-M04/2F04B	 T-M12-M05/2F04 T-M12-M05/2F05B T-M12-M04/2F03 T-M12-M04/2F04B
 		 T-M12-M04/2F04C T-M12-M03/2F03	 T-M12-M05/2F05 T-M12-M04/2F04	 T-M12-M05/2F05 T-M12-M04/2F04 T-M12-M04/2F04C T-M12-M03/2F03

Rated voltage	60V AC/DC
Rated current	MAX.4A
ProtectionClass(IEC 60529)	IP67
Ambient temperature	-25~+85°C

M12Female plastic dust cover (external thread)

Product drawing	Product size	Pins Assignment
		 M12-F-FCG/S

M12Fixed frame

Product drawing	Product size	Pins Assignment
		M12-GDJ



Data ,CAD,3D document please refer to: WWW.VELLEDQ.COM