

M Series Sensor Connectors

1 - 2 3 4 5 6 - 7 8 9 10

Specification / Size

>M8 Size
(8) M8
(8P) M8 (Plastic)
(8A) M8 W/ KEY
 >M10.5 Size
(105) M10.5
 >M12 Size:
(12) M12 A-Coded
(12L) M12 A-Coded inserted with LED
(12P) M12 A-Coded (Plastic)
(12S) M12 A-Coded (Shielded)
(12B) M12 B-Coded
(SBP) M12 B-Coded (Plastic)
(SBS) M12 B-Coded (Shielded)
(12D) M12 D-Coded
(SDP) M12 D-Coded (Plastic)
(SDS) M12 D-Coded (Shielded)

>M20 Size
(HB20) Metal, Salt Spray Test 500H, 10A
(LB20) Metal, Salt Spray Test 48H, 10A
(HC20) Metal, Salt Spray Test 500H, 20A
(LC20) Metal, Salt Spray Test 48H, 20A
(HD20) Metal, Salt Spray Test 500H, 5A
(LD20) Metal, Salt Spray Test 48H, 5A
 >M23 Size
(LJ23) Metal, Salt Spray Test 48H, 28A

Number of Contacts

02, 03, ..., 14...Contacts
 EX. **(02)** = 2 Contacts

Connector Body (Style)

> For Receptacle	> For Overmolded with Cable	> For Field installable
(P) Panel	(A) With Strain Relief (B) Without Strain Relief	(B) Without Strain Relief (D) With Ground Pin

Connector (Housing) Gender

(M) Male Connector **(F)** Female Connector

Contact Gender

(M) Male **(I)** I style (Male+Female)
(F) Female

Assemble Style

> For Receptacle	> For Field Installable	> For Overmolded with Cable
(S) Solder Type	(A) Field installable(Solder)	(M) Overmolded with Cable
(P) 180° PCB Type	(B) Field installable(Screw)	
(R) 90° PCB Type	(C) Field installable(Crimp)	
(C) Crimp Type	(D) Field Installable (IDC)	

Mating Style

(S) Screw Thread **(Q)** Quick

Backshell

> For Receptacle	> For Receptacle	> For Overmolded with Cable	> For Field Installable
(C) Circular (Rear Fastened)	(W) Square Front Fastened with Screw	(L) Straight	(L) Straight
(F) Hexagonal Front Fastened	(N) Square Rear Fastened with Nut	(L) Straight	(R) Right Angle
(H) Rear Hexagonal (Rear Fastened)		(R) Right Angle	

Waterproof Rating

(5) IP65 (Quick Type) **(8)** IP 68
(7) IP 67

Cable information

> For Receptacle	> For Overmolded with Cable	> For Receptacle with wire harness
(001) / (002) : PG9	(□) + (■) : Cable Type + Cable Length	(□) + (■) : Cable Type + Wire Length
(003) / (004) / (005) : M16	EX. (A01) = UL2464 Cable + 1M	EX. (A15) = UL 1007 (For M8) + 150mm
(006) : M12	(□) : Cable Type (■) : Cable Length	(□) Cable Type
	(A) PVC UL2464 Cable From 1M to 99M	(A) UL 1007 (For M8)
	(B) PU VW-1 Cable EX. (01) = 1M	(B) UL1061 (For M12-PG9 W/ O Logo)
		(C) UL1061 (For M12-M16 W / O Logo)
		(■) wire length
		(15) 150mm
		(30) 300mm
		(50) 500mm

* UL2517 / UL20549 available by 2014