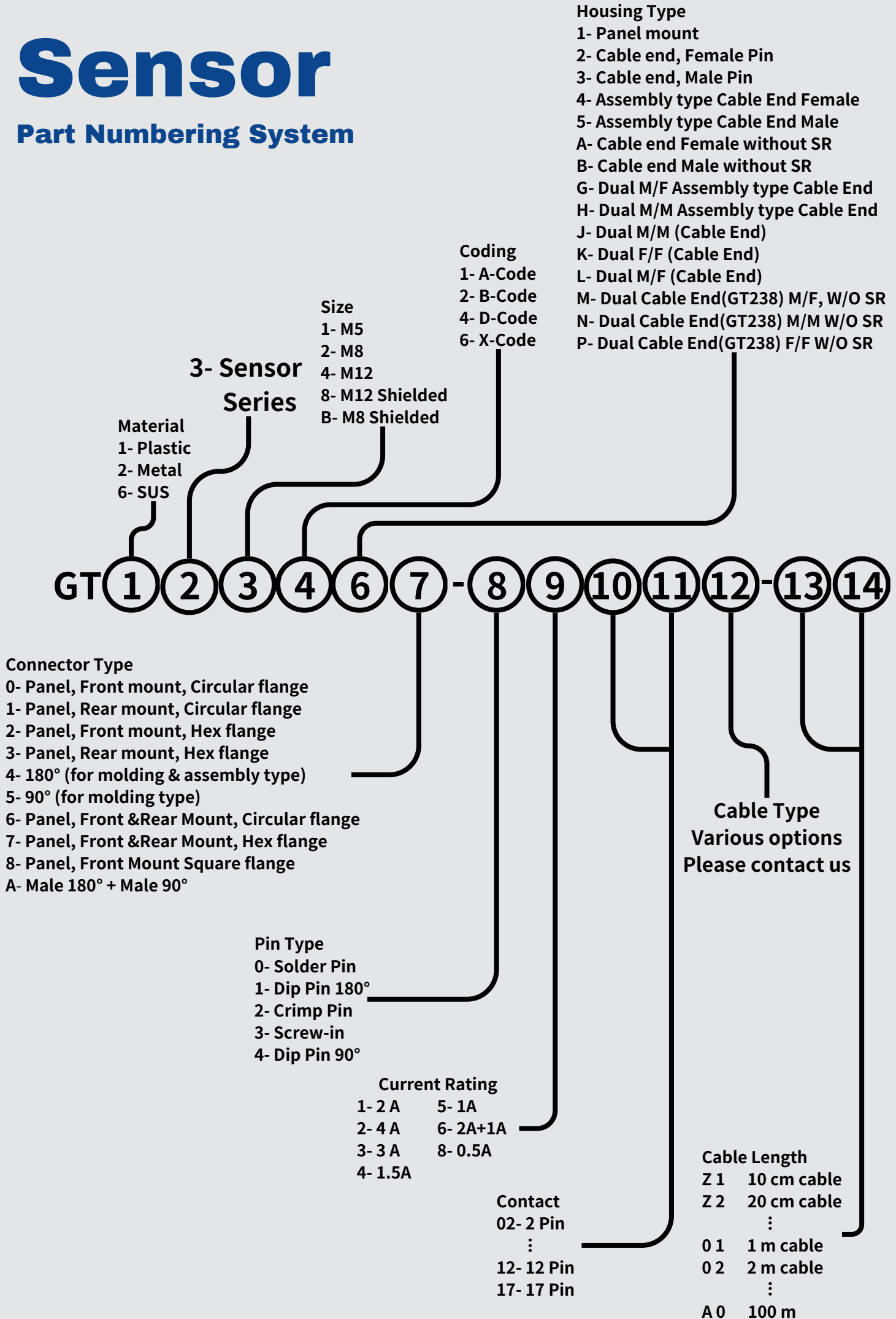


SENSOR SERIES



Sensor

Part Numbering System



Specifications

M Series Engineering Specifications					
Operation Temperature		With Cable -40°C / +85°C			
		Without Cable -40°C / +105°C			
IP Rating	M5	Panel: IP67 / Cable End: IP67(Mated)			
	M8/M9/M12	Panel: IP68 / Cable End: IP68(Mated)			
Size	Number of Ways	Coding	AWG Gauge	Voltage	Amps
M5	2	N/A	24-30AWG	60VAC/DC	1A
	3				
	4				
M8	3	A	22-26AWG		3A
	4				
	5	B	24AWG	30VAC/DC	1.5A
	6	A			
	7				
	8				
M9	3			125VAC/DC	
M12	2	D	18-24AWG	250VAC/DC	
	3				
	4			A	60VAC/DC
	5	B	24-28AWG	30VAC/DC	1.5A
	6	A	22-28AWG		2A
	7				
	8	X	24-26AWG	50V/AC 60V/DC	0.5A
	9	A	24-28AWG	30VAC/DC	1.5A
	10				
	11				
	12				

M5 Product Technical Data		
Characteristics	Standard	Description
Visual and Dimensional Inspection	IEC-60152-1a	Must meet or exceed the requirements specified by the most current version of the M5 Specification (Unmated).
Polarisation Method	IEC 60512-13e	Insertion force 20 N min.
Contact Resistance	IEC 60512-2a	10mΩ at 10mA Max.
Insulation Resistance	IEC 60512-3a	Test Voltage 500V±15 VDC Method A, Be more than 100MΩ
Withstanding Voltage	IEC 60512-4	900 VAC between contacts , 900 VAC between contacts and metal-housing, for 1±5s min.
Insertion And Withdrawal Force	IEC60512-13b	Max. Speed: 10 mm/s maximum. Insertion force 8 N maximum Withdrawal force 6 N maximum
Gauge Retention Force	IEC60512-16e	Retention force 20g
Vibration	IEC 60512-6d	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs Frequency: 10 to 500 Hz , 0.35mm or 50 mm/s Sweep cycles: 10 Full duration: 6h
Shock	IEC 60512-6c	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs. Half sine Shock acceleration : 490 m/s ² (50g) Duration of impact : 11ms
Mechanical Operation	IEC 60512-9a	Cycles : 100 Max. speed of operations : 10mm/s Rest : 30 s , unmated
Rapid Change Of Temperature	IEC 60512-11d	-25°C to 85°C, t=30 min. 5 cycles
Dry Heat	IEC 60512-11i	85°C, duration 16h
Damp Heat Cyclic, First Cycle	IEC 60512-11m	40°C, recovery time 2h
Cold	IEC 60512-11j	-25°C, duration 2h , recovery time 2h
Damp Heat, Cyclic Remaining Cycles	IEC 60512-11m	40°C, recovery time 2h , 5 cycles
Electrical Load And Temperature	IEC 60512-9b	Duration : 1000h Amb. Temp, : 40°C Current Load : 4A Recovery time : 2h
Salt Spray	EIA 364-26 or IEC 60512-11f	LAB temperature is 35°C Salt solution concentration shall be 5%. Compressing the air pressure is 0.083Mpa to 0.13 MPa (12 lb to 18 lb per square inch) Orifices of from 0.5 to 0.7 millimeter (0.02 to 0.03 inch) in diameter. Atomization of approximately 2.8 liters (3 quarts) of the salt solution per 0.28 cubic meter (10 cubic feet) of box volume per 24h. Test Time:condition B 48h
UV Exposure	ASTM G154-06	24Hr equal 1 year:Total require 3 years 8 h UV at 70 (±3) °C Black Panel Temperature 4 h Condensation at 50 (±3) °C Black Panel Temperature
Waterproof Test	IEC 60529	Under 1 M water for 30 min.

M8 Product Technical Data

Characteristics	Standard	Description	
Visual and Dimensional Inspection	IEC-60152-1a	Must meet or exceed the requirements specified by the most current version of the M8 Specification (Unmated).	
Polarisation Method	IEC 60512-13e	Insertion force 35 N min.	
Contact Resistance	IEC 60512-2a	10mΩ at 10mA Max.	
Insulation Resistance	IEC 60512-3a	Test Voltage 500V±15 VDC Method A, Be more than 100MΩ	
Withstanding Voltage	IEC 60512-4a	3 Ways: 1000 VAC between Contacts , 850 VAC between contacts and metal-housing, for 1±5s min. 4/5/6/7/8/ Ways: 650 VAC between contacts , 650 VAC between contacts and metal-housing, for 1±5s min.	
Insertion And Withdrawal Force	IEC60512-13b	Max. Speed: 10 mm/s maximum. Insertion force 23 N maximum Withdrawal force 23 N maximum	
Gauge Retention Force	IEC60512-16e	Retention force 20g	
Vibration	IEC 60512-6d	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs Frequency: 10 to 500 Hz , 0.35mm or 50 mm/s ² Sweep cycles: 10 Full duration: 6h	
Shock	IEC 60512-6c	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs. Half sine Shock acceleration : 490 m/s ² (50g) Duration of impact : 11ms	
Mechanical Operation	IEC 60512-9a	Cycles : 100 Max. speed of operations : 10mm/s Rest : 30 s , unmated	
Rapid Change Of Temperature	IEC 60512-11d	3~5 ways: -25°C to 85°C, t=30 min. 5 cycles 6~8ways : -25°C to 85°C, t=1hr. 5 cycles	
Dry Heat	IEC 60512-11i	85°C, duration 16h	
Damp Heat Cyclic, First Cycle	IEC 60512-11m	40°C, recovery time 2h	
Cold	IEC 60512-11j	-25°C, duration 2h , recovery time 2h	
Damp Heat, Cyclic Remaining Cycles	IEC 60512-11m	40°C, recovery time 2h, 5 cycles	
Electrical Load And Temperature	IEC 60512-9b	3~5 ways	Duration : 1000h Amb. Temp. : 40°C Current Load : 4A Recovery time : 2h
		6~8ways	Duration : 1000h Amb. Temp. : 40°C Current Load : 1.5A Recovery time : 2h
Salt Spray	EIA 364-26 or IEC 60512-11f	LAB temperature is 35°C Salt solution concentration shall be 5%. Compressing the air pressure is 0.083Mpa to 0.13 MPa (12 lb to 18 lb per square inch) Orifices of from 0.5 to 0.7 millimeter (0.02 to 0.03 inch) in diameter. Atomization of approximately 2.8 liters (3 quarts) of the salt solution per 0.28 cubic meter (10 cubic feet) of box volume per 24h Test Time:condition B 48h	
UV Exposure	ASTM G154-O6	24Hr equal 1 year:Total require 3 years 8 h UV at 70 (±3) °C Black Panel Temperature 4 h Condensation at 50 (±3) °C Black Panel Temperature	
Waterproof Test	IEC 60529	Under 1 M water for 24h	

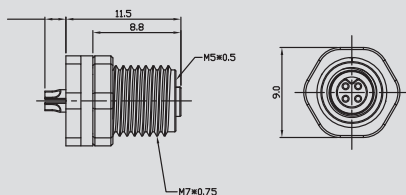
M9 Product Technical Data		
Characteristics	Standard	Description
Visual and Dimensional Inspection	EIA 364-18	Must meet or exceed the requirements specified by the most current version of the M9 Specification.
Contact Resistance	EIA 364-06 Method B or IEC 60512-2b	10 mΩ at 10mA Max.
Insulation Resistance	EIA 364-21 or IEC 60512-3a	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
Withstanding Voltage	EIA 364-20 or IEC 60512-4a	1500 VAC between contacts, 1500 VAC between contacts and metal-housing, for 1±5s min.
Insertion And Withdrawal Force	IEC60512-13b	Max. Speed: 10 mm/s maximum. Insertion force: 10 N maximum. Withdrawal force: 15 N maximum.
Random Vibration	EIA 364-28 or IEC 60512-6d	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs. Frequency: 10 to 500 Hz, 0.35mm or 50 mm/s². Sweet cycles: 10. Full duration: 6h.
Physical Shock	EIA 364-27 Test Condition H or IEC 60512-6c	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs. Half sine Shock acceleration : 294 m/s²(30g). Duration of impact : 11ms.
Mechanical Operation	EIA 364-09 or IEC 60512-9a	Cycles : 300 Max. Speed of operations : 10mm/s. Rest : 30 s, unmated.
Rapid Change Of Temperature	IEC 60512-11d	-25°C to 85°C, t=30min, 5 cycles.
Salt Spray	EIA 364-26 or IEC 60512-11f	The test liquid (NaCl) thickness is 5%, Compressing the air pressure is 0.083Mpa, Spraying amount is 1~2 ml/80cm/h. Temperature of the pressure barrel is 43°C , LAB temperature is 35°C, relative humidity of LAB is 95%~98%, test time is 24hr, after the test, check if there is rusty and oxidized phenomenon
UV Exposure	ASTM G154-06 operating fluorescent light apparatus for UV exposure of nonmetallic material	24Hr equal 1 year 8h UV at 70 (±3) °C Black Panel Temperature. 4h Condensation at 50 (±3) °C Black Panel Temperature.
Waterproof Test	IEC 60529	Under 1 M water for 30min.

M12 Product Technical Data

Characteristics	Standard	Description	
Polarisation Method	IEC 60512-13e	Insertion force 35 N min.	
Contact Resistance	IEC 60512-2a	10mΩ at 10mA Max.	
Insulation Resistance	IEC 60512-3a	Test Voltage 500V±15 VDC Method A, Be more than 100MΩ	
Withstanding Voltage	IEC 60512-4a	2/3/4 Ways: 1400 VAC between contacts , 1400 VAC between contacts and metal-housing, for 1±5s min. 5 Ways: 1000 VAC between contacts , 1000 VAC between contacts and metal-housing, for 1±5s min. 6/7/8Ways: 650 VAC between contacts , 650 VAC between contacts and metal-housing, for 1±5s min. 9/10/11/12 Ways: 500 VAC between contacts , 500 VAC between contacts and metal-housing, for 1±5s min.	
Insertion And Withdrawal Force	IEC60512-13b	2/3/4/5 Ways	Max. Speed: 10 mm/s maximum. Insertion force 10 N maximum Withdrawal force 15 N maximum
		6/7/8/9/10/11/12 Ways	Max. Speed: 10 mm/s maximum. Insertion force 23 N maximum Withdrawal force 30 N maximum
Gauge Retention Force	IEC60512-16e	Retention force 20g	
Vibration	IEC 60512-6d	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs Frequency: 10 to 500 Hz , 0.35mm or 50 mm/s ² Sweep cycles: 10 Full duration: 6h	
Shock	IEC 60512-6c	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μs. Half sine Shock acceleration : 490 m/s ² (50g) Duration of impact : 11ms	
Mechanical Operation	IEC 60512-9a	Cycles : 100 Max. speed of operations : 10mm/s Rest : 30 s , unmated	
Rapid Change Of Temperature	IEC 60512-11d	-25°C to 85°C, t=30 min. 5 cycles	
Dry Heat	IEC 60512-11i	85°C, duration 16h	
Damp Heat Cyclic , First Cycle	IEC 60512-11m	40°C, recovery time 2h	

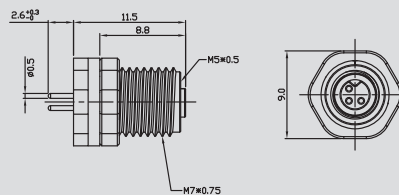
M12 Product Technical Data		
Characteristics	Standard	Description
Cold	IEC 60512-11j	-25°C, duration 2h , recovery time 2h
Damp Heat, Cyclic Remaining Cycles	IEC 60512-11m	40°C, recovery time 2h , 5 cycles
Electrical Load And Temperature	IEC 60512-9b	Duration : 1000h Amb. Tem, : 40°C Current Load : 4A Recovery time : 2h
Salt Spray	EIA 364-26 or IEC 60512-11f	LAB temperature is 35°C Salt solution concentration shall be 5%. Compressing the air pressure is 0.083Mpa to 0.13 MPa (12 lb to 18 lb per square inch) Orifices of from 0.5 to 0.7 millimeter (0.02 to 0.03 inch) in diameter. Atomization of approximately 2.8 liters (3 quarts) of the salt solution per 0.28 cubic meter (10 cubic feet) of box volume per 24h Test Time:condition B 48h
UV Exposure	ASTM G154-06	24Hr equal 1 year:Total require 3 years 8 h UV at 70 (±3) °C Black Panel Temperature 4 h Condensation at 50 (±3) °C Black Panel Temperature
Waterproof Test	IEC 60529	Under 1 M water for 24h

M5 Panel Front Mount Female Solder



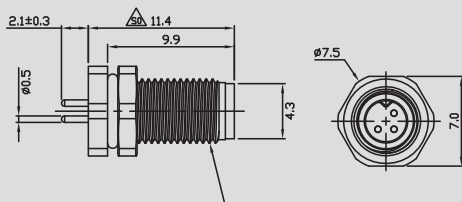
P/N	Rated current (A)	Contacts
GT231102-05020	1	2
GT231102-05030	1	3
GT231102-05040	1	4

M5 Panel Front Mount Female Dip



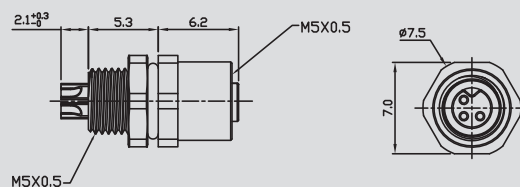
P/N	Rated current (A)	Contacts
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GT231102-15030	1	3
GT231102-15040	1	4

M5 Panel Front Mount Male Dip



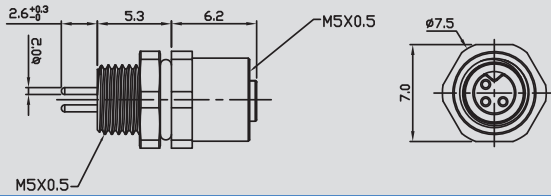
P/N	Rated current (A)	Contacts
GT231112-15020	1	2
GT231112-15030	1	3
GT231112-15040	1	4

M5 Panel Rear Mount Female Solder



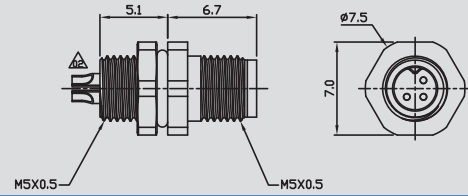
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GT231103-05030	1	2
GT231103-05030	1	3
GT231103-05040	1	4

M5 Panel Rear Mount Female Dip



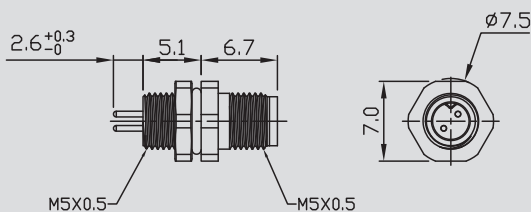
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GT231103-15020	1	2
GT231103-15030	1	3
GT231103-15040	1	4

M5 Panel Rear Mount Male Solder



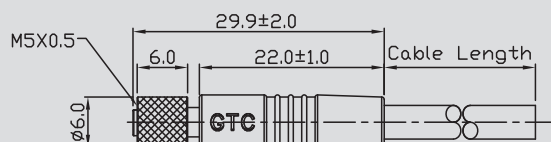
P/N	Rated current (A)	Contacts
GT231113-05020	1	2
GT231113-05030	1	3
GT231113-05040	1	4

M5 Panel Rear Mount Male Dip

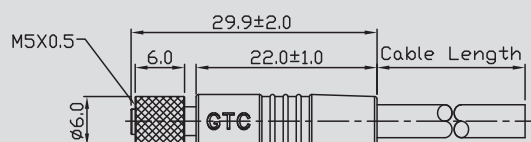


P/N	Rated current (A)	Contacts
GT231113-15020	1	2
GT231113-15030	1	3
GT231113-15040	1	4

M5 Cable End Female



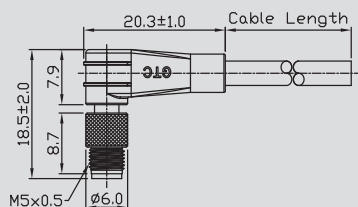
M5 Cable End Male



P/N	Rated current (A)	Contacts
GT2311A4-0502X-XX	1	2
GT2311A4-0503X-XX	1	3
GT2311A4-0504X-XX	1	4

P/N	Rated current (A)	Contacts
GT2311B4-0502X-XX	1	2
GT2311B4-0503X-XX	1	3
GT2311B4-0504X-XX	1	4

M5 Cable End 90° Male

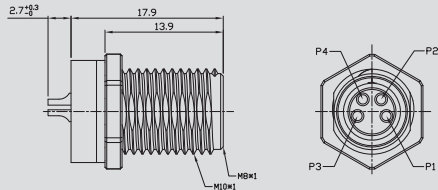


P/N	Rated current (A)	Contacts
GT2311B5-0502X-XX	1	2
GT2311B5-0503X-XX	1	3
GT2311B5-0504X-XX	1	4

M8 METAL PANEL MOUNT

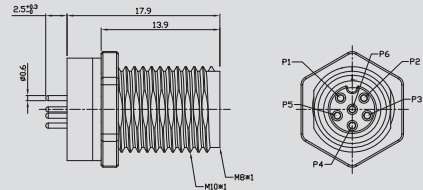
Sensor

M8 A-Coding Panel Front Mount Female Solder



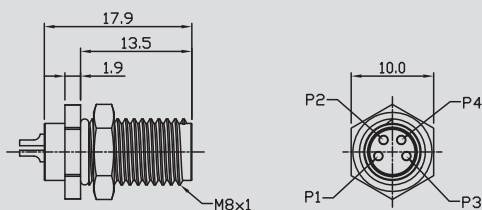
P/N	Rated current (A)	Contacts
GT232102-04060	1.5	6
GT232102-04080	1.5	8
GT232102-03040	3	4

M8 A-Coding Panel Front Mount Female Dip



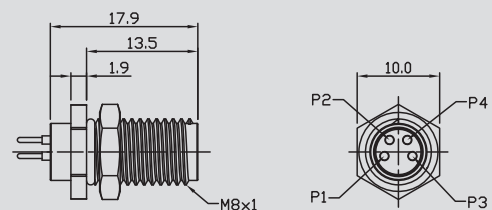
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GT232102-14060	1.5	6
GT232102-14080	1.5	8
GT232102-13040	3	4

M8 A-Coding Panel Front Mount Male Solder



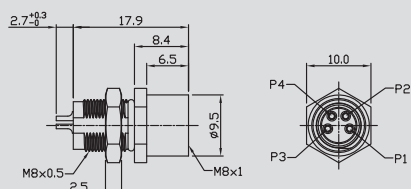
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GT232112-04060	1.5	6
GT232112-04080	1.5	8
GT232112-060A0	2+1	2+6
GT232112-03030	3	3
GT232112-03040	3	4

M8 A-Coding Panel Front Mount Male Dip



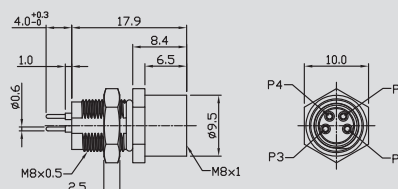
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GT232112-14060	1.5	6
GT232112-14080	1.5	8
GT232112-13030	3	3
GT232112-13040	3	4

M8 A-coding Panel Rear Mount Female Solder



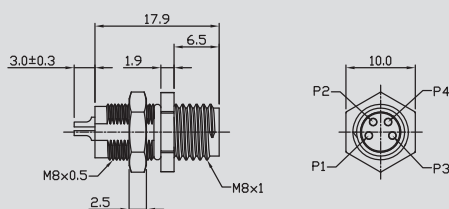
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GT232103-03030	3	3
GT232103-03040	3	4

M8 A-Coding Panel Rear Mount Female Dip



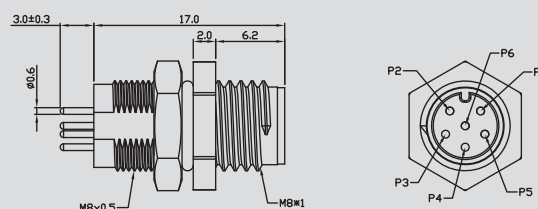
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GT232103-14060	1.5	6
GT232103-14080	1.5	8
GT232103-13030	3	3
GT232103-13040	3	4

M8 A-Coding Panel Rear Mount Male Solder



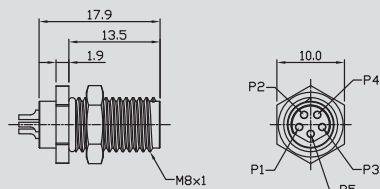
P/N	Rated current (A)	Contacts
GT232113-04060	1.5	6
GT232113-04080	1.5	8
GT232113-03030	3	3
GT232113-03040	3	4

M8 A-Coding Panel Rear Mount Male Dip



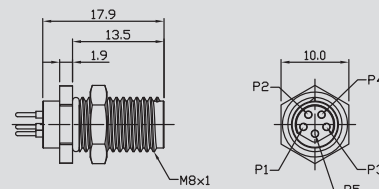
P/N	Rated current (A)	Contacts
GT232113-14060	1.5	6
GT232113-14080	1.5	8
GT232113-13030	3	3
GT232113-13040	3	4

M8 B-Coding Panel Front Mount Male Solder



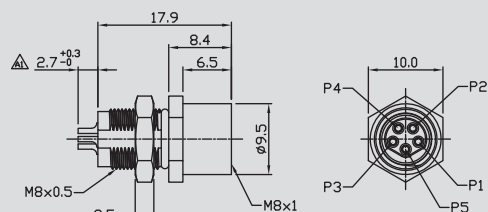
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GT232212-03050	3	5

M8 B-Coding Panel Front Mount Male Dip



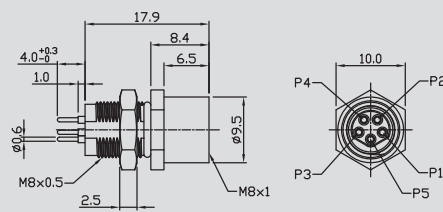
P/N	Rated current (A)	Contacts
GT232212-13050	3	5

M8 B-Coding Panel Rear Mount Female Solder



P/N	Rated current (A)	Contacts
GT232203-03050	3	5

M8 B-Coding Panel Rear Mount Female Dip

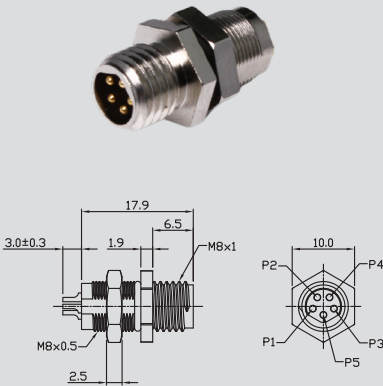


P/N	Rated current (A)	Contacts
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Sensor

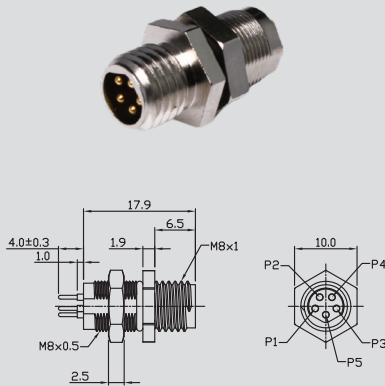
M8 METAL PANEL MOUNT

M8 B-Coding Panel Rear Mount Male Solder



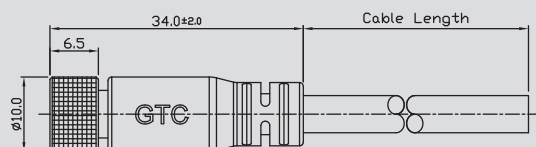
P/N	Rated current (A)	Contacts
GT232213-03050	3	5

M8 B-Coding Panel Rear Mount Male Dip



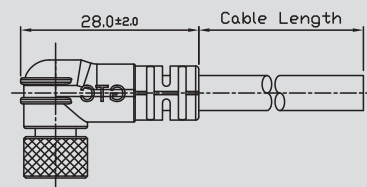
P/N	Rated current (A)	Contacts
GT232213-13050	3	5

M8 A-Coding Cable End Female



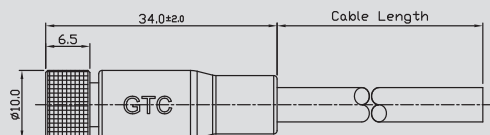
P/N	Rated current (A)	Contacts
GT232124-2406X-XX	1.5	6
GT232124-2408X-XX	1.5	8
GT232124-2303X-XX	3	3
GT232124-2304X-XX	3	4

M8 A-Coding Cable End 90° Female



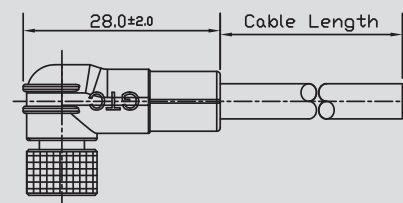
P/N	Rated current (A)	Contacts
GT232125-2303X-XX	3	3
GT232125-2304X-XX	3	4

M8 A-Coding Cable End Female without SR



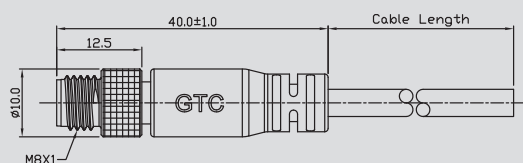
P/N	Rated current (A)	Contacts
GT2321A4-X303X-XX	3	3
GT2321A4-2304X-XX	3	4

M8 A-Coding Cable End 90° Female without SR



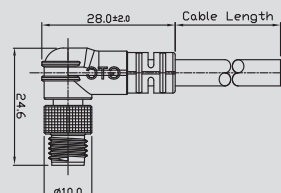
P/N	Rated current (A)	Contacts
GT2321A5-2303X-XX	3	3
GT2321A5-2304X-XX	3	4

M8 A-Coding Cable End Male



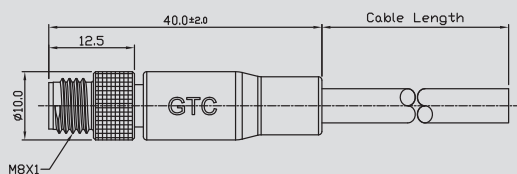
P/N	Rated current (A)	Contacts
GT232134-2406X-XX	1.5	6
GT232134-2408X-XX	1.5	8
GT232134-X303X-XX	3	3
GT232134-X304X-XX	3	4

M8 A-Coding Cable End 90° Male



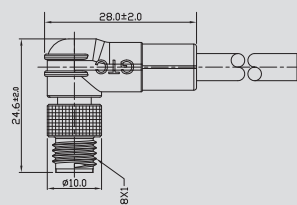
P/N	Rated current (A)	Contacts
GT232135-2303X-XX	3	3
GT232135-2304X-XX	3	4

M8 A-Coding Cable End Male without SR



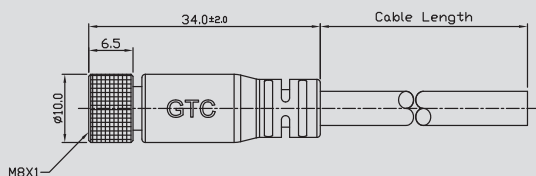
P/N	Rated current (A)	Contacts
GT2321B4-X303X-XX	3	3
GT2321B4-X304X-XX	3	4

M8 A-Coding Cable End 90° Male without SR



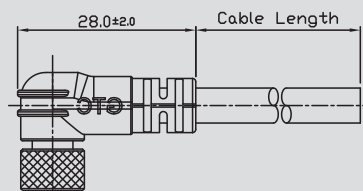
P/N	Rated current (A)	Contacts
GT2321B5-2303X-XX	3	3
GT2321B5-2304X-XX	3	4

M8 B-Coding Cable End Female



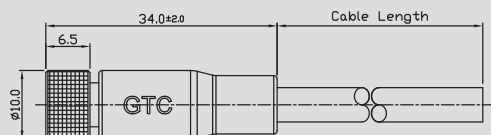
P/N	Rated current (A)	Contacts
GT232224-2305X-XX	3	5

M8 B-Coding Cable End 90° Female



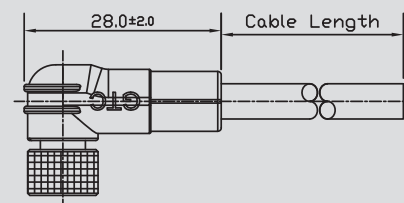
P/N	Rated current (A)	Contacts
GT232225-2305X-XX	3	5

M8 B-Coding Cable End Female without SR



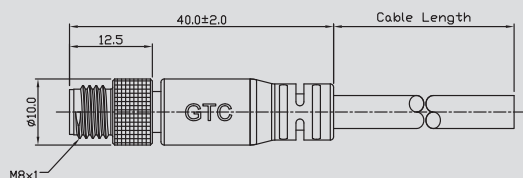
P/N	Rated current (A)	Contacts
GT2322A4-2305X-XX	3	5

M8 B-Coding Cable End 90° Female without SR



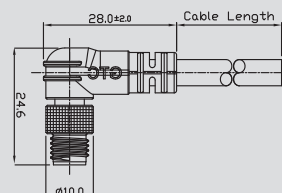
P/N	Rated current (A)	Contacts
GT2322A5-2305X-XX	3	5

M8 B-Coding Cable End Male



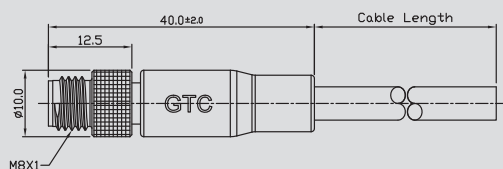
P/N	Rated current (A)	Contacts
GT232234-X305X-XX	3	5

M8 B-Coding Cable End 90° Male



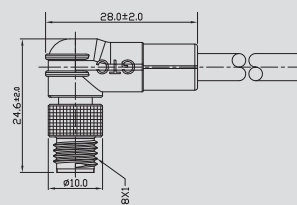
P/N	Rated current (A)	Contacts
GT232235-X305X-XX	3	5

M8 B-Coding Cable End Male without SR



P/N	Rated current (A)	Contacts
GT2322B4-X305X-XX	3	5

M8 B-Coding Cable End 90° Male without SR

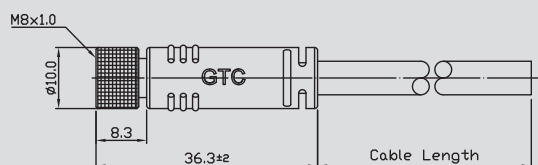


P/N	Rated current (A)	Contacts
GT2322B5-2305X-XX	3	4

M8 SHIELDED METAL CABLE END

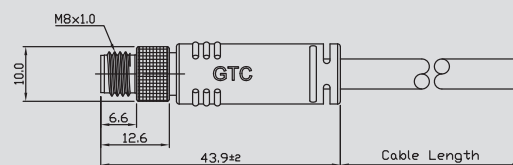
Sensor

M8 A-Coding Shielded Cable End Female



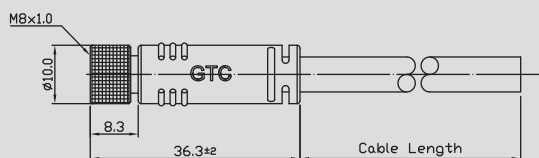
P/N	Rated current (A)	Contacts
GT23B124-2304X-XX	3	4

M8 A-Coding Shielded Cable End Male



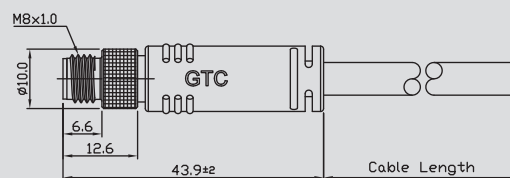
P/N	Rated current (A)	Contacts
GT23B134-2303X-XX	3	3
GT23B134-2304X-XX	3	4

M8 B-Coding Shielded Cable End Female



P/N	Rated current (A)	Contacts
GT23B224-2305X-XX	3	5

M8 B-Coding Shielded Cable End Male

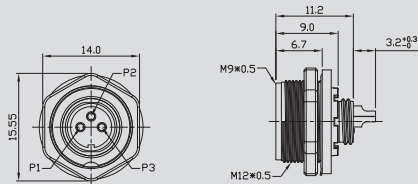


P/N	Rated current (A)	Contacts
GT23B234-2305X-XX	3	5

Sensor

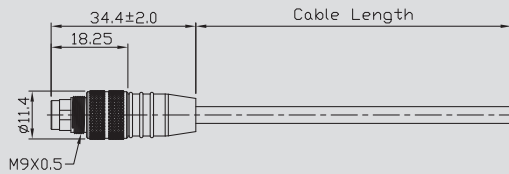
M9 METAL PANEL

M9 Panel Front Mount Female Solder



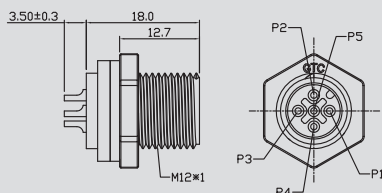
P/N	Rated current (A)	Contacts
GT23C103-02030	4	3

M9 Cable End Male



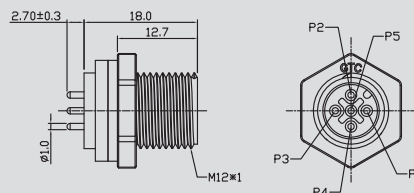
P/N	Rated current (A)	Contacts
GT23C134-02031-XX	4	3

M12 A-Coding Plastic Panel Male Solder



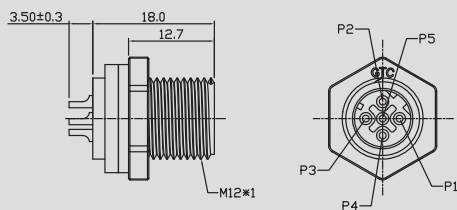
P/N	Rated current (A)	Contacts
GT134110-02050	4	5

M12 A-Coding Plastic Panel Male Dip



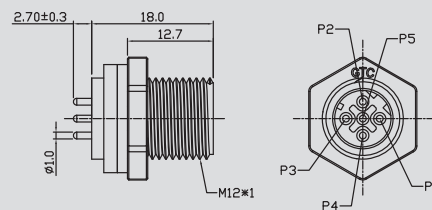
P/N	Rated current (A)	Contacts
GT134110-12050	4	5

M12 D-Coding Plastic Panel Male Solder



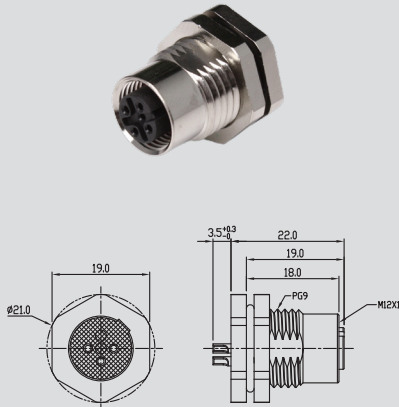
P/N	Rated current (A)	Contacts
GT134410-02050	4	5

M12 D-Coding Plastic Panel Male Dip



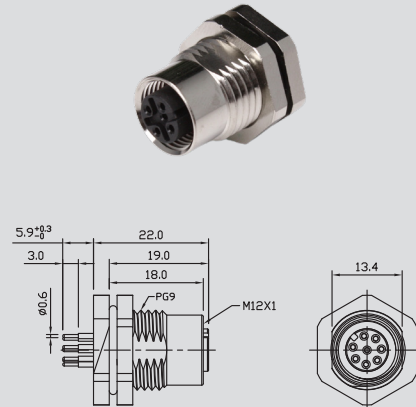
P/N	Rated current (A)	Contacts
GT134410-12050	4	5

M12 A-Coding Panel Front Mount Female Solder



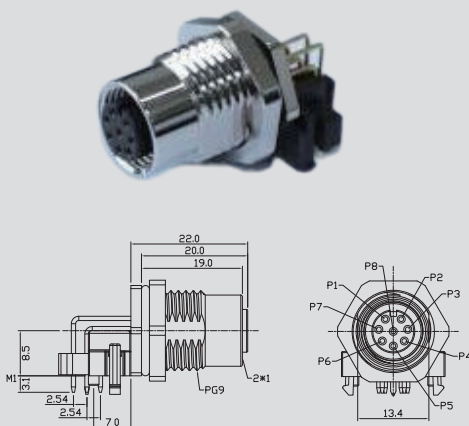
P/N	Rated current (A)	Contacts
GT234102-04120	1.5	12
GT234102-01080	2	8
GT234102-02030	4	3
GT234102-02040	4	4
GT234102-02050	4	3

M12 A-Coding Panel Front Mount Female Dip



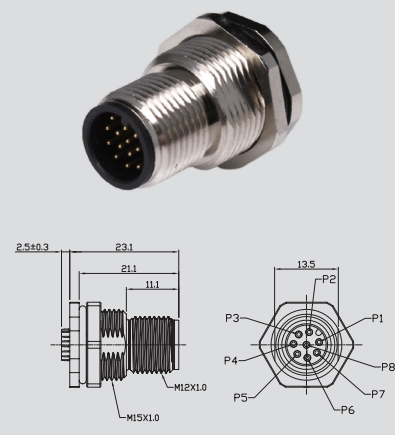
P/N	Rated current (A)	Contacts
GT234102-14120	1.5	12
GT234102-11080	2	8
GT234102-12030	4	3
GT234102-12040	4	4
GT234102-12050	4	3

M12 A-Coding Panel Front Mount Female Dip 90°



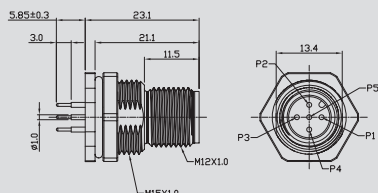
P/N	Rated current (A)	Contacts
GT234102-41080	2	8

M12 A-Coding Panel Front Mount Male Solder



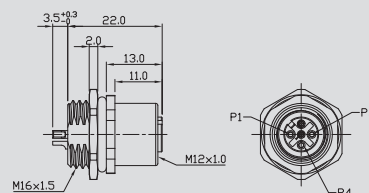
P/N	Rated current (A)	Contacts
GT234112-14170	1.5	17
GT234112-04120	1.5	12
GT234112-01080	2	8
GT234112-02030	4	3
GT234112-02040	4	4
GT234112-02050	4	5

M12 A-Coding Panel Front Male Dip



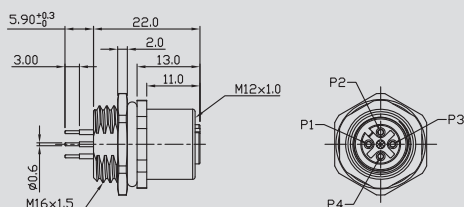
P/N	Rated current (A)	Contacts
GT234112-14120	1.5	12
GT234112-11080	2	8
GT234112-12030	4	3
GT234112-12040	4	4
GT234112-12050	4	5

M12 A-Coding Panel Rear Mount Female Solder



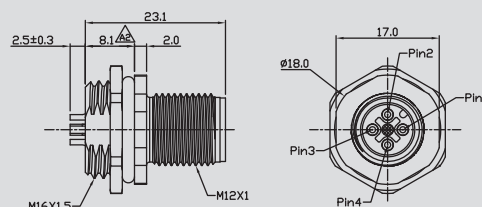
P/N	Rated current (A)	Contacts
GT234103-04120	1.5	12
GT234103-01080	2	8
GT234103-02030	4	3
GT234103-02040	4	4
GT234103-02050	4	5

M12 A-Coding Panel Rear Mount Female Dip



P/N	Rated current (A)	Contacts
GT234103-14120	1.5	12
GT234103-11080	2	8
GT234103-12030	4	3
GT234103-12040	4	4
GT234103-12050	4	5

M12 A-Coding Panel Rear Mount Male Solder



P/N	Rated current (A)	Contacts
GT234113-04120	1.5	12
GT234113-01080	2	8
GT234113-02030	4	3
GT234113-02040	4	4
GT234113-02050	4	5

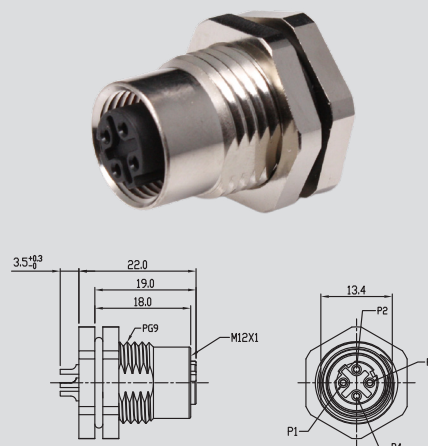
Sensor

M12 A-Coding Panel Front/ Rear Mount Male Solder



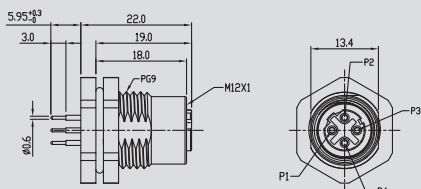
P/N	Rated current (A)	Contacts
GT234117-04120	1.5	12
GT234117-01080	2	8
GT234117-02030	4	3
GT234117-02040	4	4
GT234117-02050	4	3

M12 D-Coding Panel Front Mount Female Solder



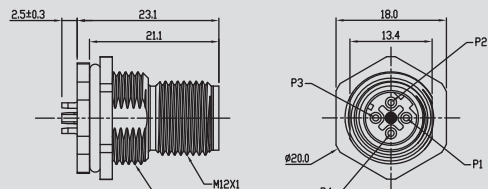
P/N	Rated current (A)	Contacts
GT234402-02040	4	4

M12 D-Coding Panel Front Mount Female Dip



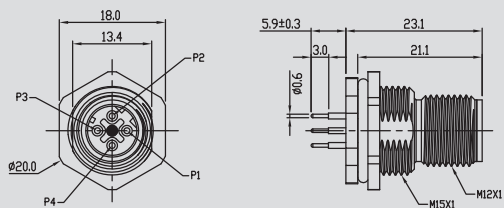
P/N	Rated current (A)	Contacts
GT234402-12040	4	4

M12 D-Coding Panel Front Mount Male Solder



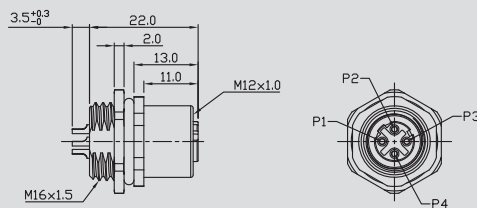
P/N	Rated current (A)	Contacts
GT234412-02040	4	4

M12 D-Coding Panel Front Mount Male Dip



P/N	Rated current (A)	Contacts
GT234412-12040	4	4

M12 D-Coding Panel Rear Mount Female Solder



P/N	Rated current (A)	Contacts
GT234403-02040	4	4

M12 D-Coding Panel Rear Mount Female Dip



P/N	Rated current (A)	Contacts
GT234403-12040	4	4

M12 D-Coding Panel Rear Mount Male Solder



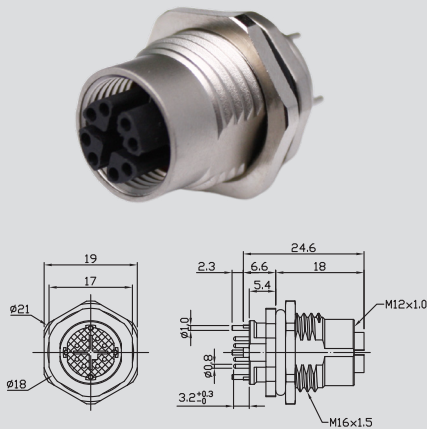
P/N	Rated current (A)	Contacts
GT234413-02040	4	4

M12 D-Coding Panel Rear Mount Male Dip



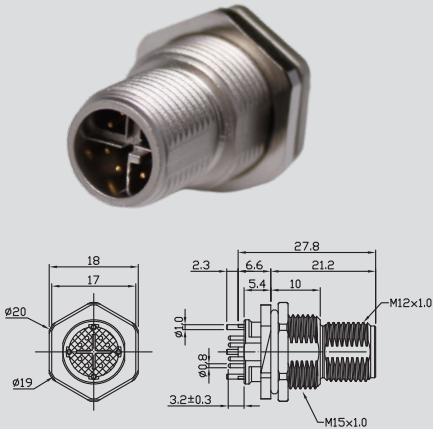
P/N	Rated current (A)	Contacts
GT234413-12040	4	4

M12 X-Coding Panel Front Mount Female Dip



P/N	Rated current (A)	Contacts
GT234602-18080	0.5	8

M12 X-Coding Panel Front Mount Male Dip

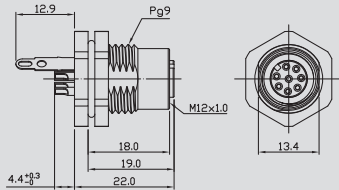


P/N	Rated current (A)	Contacts
GT234612-18080	0.5	8

M12 SHIELDED METAL PANEL MOUNT

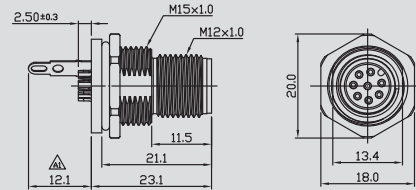
Sensor

M12 A-Coding Shielded Panel Front Mount Female Solder



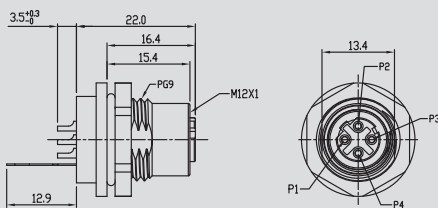
P/N	Rated current (A)	Contacts
GT238102-04120	1.5	12
GT238102-01080	2	8
GT238102-02050	4	5
GT238102-02040	4	4
GT238102-02030	4	3

M12 A-Coding Shielded Panel Front Mount Circular Flange Male Solder



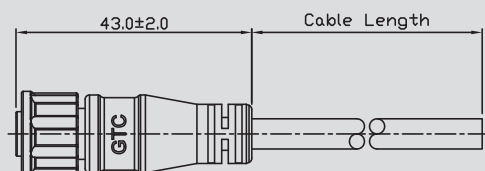
P/N	Rated current (A)	Contacts
GT238110-04120	1.5	12
GT238110-01080	2	8
GT238110-02030	4	3
GT238110-02040	4	4
GT238110-02050	4	3

M12 D-Coding Shielded Panel Front Mount Female Solder



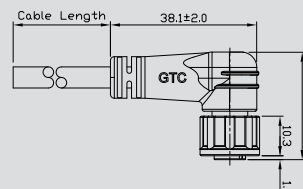
P/N	Rated current (A)	Contacts
GT238400-02040	4	4

M12 A-Coding Plastic Cable End Female



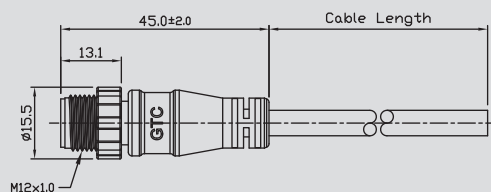
P/N	Rated current (A)	Contacts
GT134124-0412X-XX	1.5	12
GT134124-2108X-XX	2	8
GT134124-2205X-XX	4	3

M12 A-Coding Plastic Cable End 90° Female



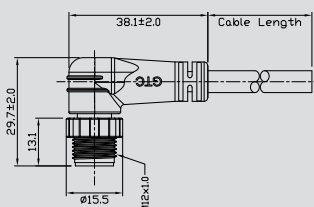
P/N	Rated current (A)	Contacts
GT134125-0412X-XX	1.5	12
GT134125-2108X-XX	2	8
GT134125-2205X-XX	4	5

M12 A-Coding Plastic Cable End Male



P/N	Rated current (A)	Contacts
GT134134-0412X-XX	1.5	12
GT134134-2108X-XX	2	8
GT134134-2205X-XX	4	5

M12 A-Coding Plastic Cable End 90° Male

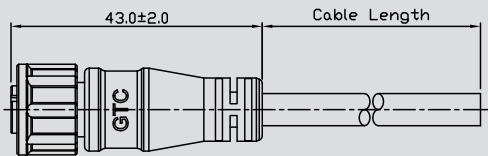


P/N	Rated current (A)	Contacts
GT134135-0412X-XX	1.5	12
GT134135-2108X-XX	2	8
GT134135-2205X-XX	4	5

M12 PLASTIC CABLE END

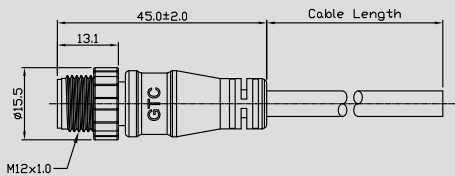
Sensor

M12 D-Coding Plastic Cable End Female



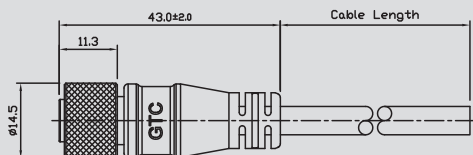
P/N	Rated current (A)	Contacts
GT134424-2204X-XX	4	4

M12 D-Coding Plastic Cable End Male



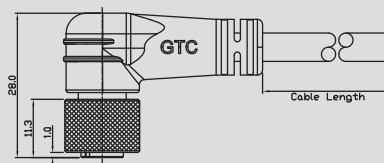
P/N	Rated current (A)	Contacts
GT134434-2204X-XX	4	4

M12 A-Coding Cable End Female



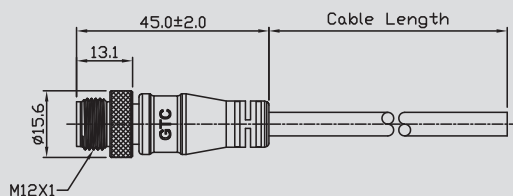
P/N	Rated current (A)	Contacts	Remark
GT234124-0412X-XX	1.5	12	
GT234124-2108X-XX	2	8	
GT234124-21086-XX	2	8	+Cat5e Cable
GT234124-2203X-XX	4	3	
GT234124-2204X-XX	4	4	
GT234124-2205X-XX	4	5	

M12 A-Coding Cable End 90° Female



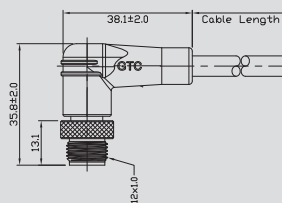
P/N	Rated current (A)	Contacts
GT234125-0412X-XX	1.5	12
GT234125-2108X-XX	2	8
GT234125-2203X-XX	4	3
GT234125-2204X-XX	4	4
GT234125-2205X-XX	4	5

M12 A-Coding Cable End Male



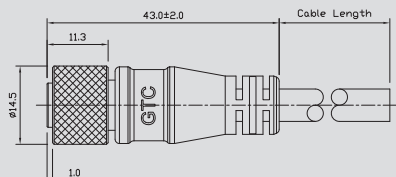
P/N	Rated current (A)	Contacts	Remark
GT234134-0412X-XX	1.5	12	
GT234134-2108X-XX	2	8	
GT234134-21086-XX	2	8	+Cat5e Cable
GT234134-2203X-XX	4	3	
GT234134-2204X-XX	4	4	
GT234134-2205X-XX	4	5	

M12 A-Coding Cable End 90° Male



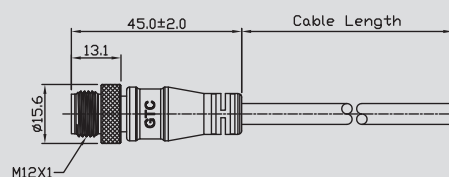
P/N	Rated current (A)	Contacts	Remark
GT234135-0412X-XX	1.5	12	
GT234135-2108X-XX	2	8	
GT234135-21086-XX	2	8	+Cat5e Cable
GT234135-2203X-XX	4	3	
GT234135-2204X-XX	4	4	
GT234135-2205X-XX	4	5	

M12 B-Coding Cable End Female



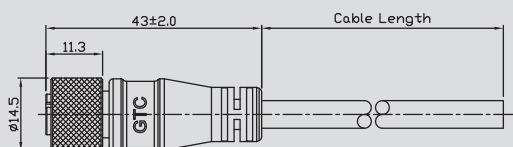
P/N	Rated current (A)	Contacts
GT234224-2205X-XX	4	5

M12 B-Coding Cable End Male



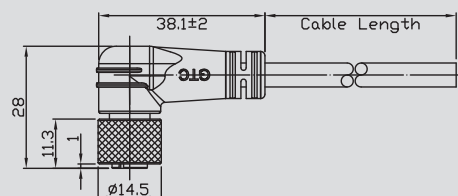
P/N	Rated current (A)	Contacts
GT234234-2205X-XX	4	5

M12 D-Coding Cable End Female



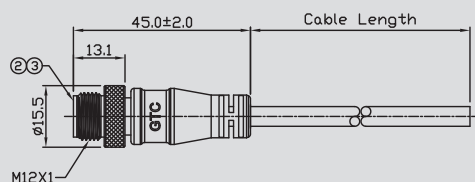
P/N	Rated current (A)	Contacts	Remark
GT234424-2204X-XX	4	4	
GT234424-22046-XX	4	4	+Cat5e Cable
GT234424-2204P-XX	4	4	+ RJ Plug
GT234424-2205X-XX	4	5	

M12 D-Coding Cable End 90° Female



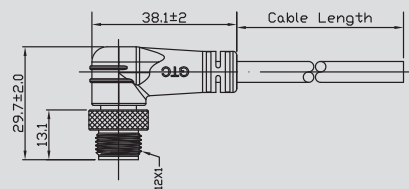
P/N	Rated current (A)	Contacts
GT234425-2204X-XX	4	4
GT234425-2205X-XX	4	5

M12 D-Coding Cable End Male



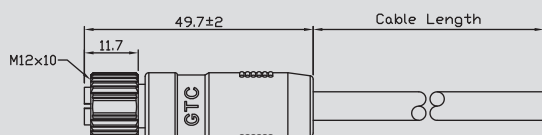
P/N	Rated current (A)	Contacts	Remark
GT234434-2204X-XX	4	4	
GT234434-22046-XX	4	4	+Cat5e Cable
GT234434-2204P-XX	4	4	+ RJ Plug
GT234434-2205X-XX	4	5	

M12 D-Coding Cable End 90° Male



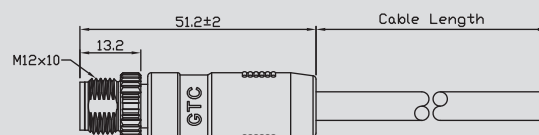
P/N	Rated current (A)	Contacts
GT234435-2204X-XX	4	4
GT234435-2205X-XX	4	5

M12 X-Coding Cable End Female



P/N	Rated current (A)	Contacts
GT234624-2808X-XX	0.5	8

M12 X-Coding Cable End Male

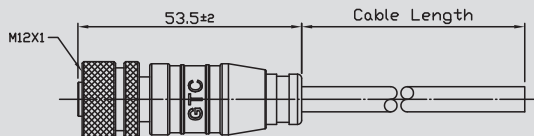


P/N	Rated current (A)	Contacts
GT234634-2808X-XX	0.5	8

M12 SHIELDED METAL CABLE END

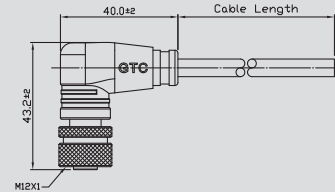
Sensor

M12 A-Coding Shielded Cable End Female without SR



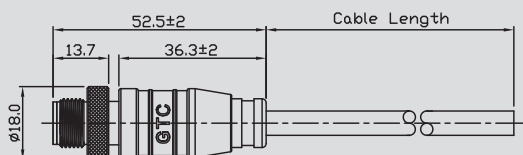
P/N	Rated current (A)	Contacts
GT2381A4-2417X-XX	1.5	17
GT2381A4-2412X-XX	1.5	12
GT2381A4-0108X-XX	2	8
GT2381A4-0203X-XX	4	3
GT2381A4-0204X-XX	4	4
GT2381A4-0205X-XX	4	5

M12 A-Coding Shielded Cable End 90° Female without SR



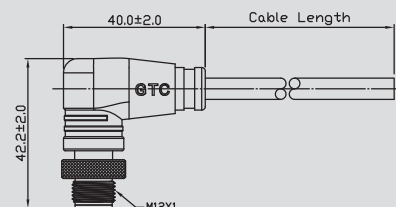
P/N	Rated current (A)	Contacts
GT2381A5-2412X-XX	1.5	12
GT2381A5-0108X-XX	2	8
GT2381A5-0203X-XX	4	3
GT2381A5-0204X-XX	4	4
GT2381A5-0205X-XX	4	5

M12 A-Coding Shielded Cable End Male



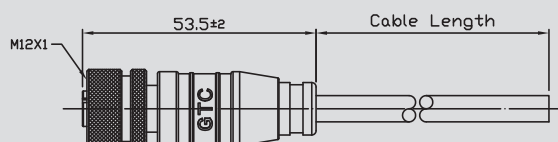
P/N	Rated current (A)	Contacts
GT2381B4-0412X-XX	1.5	12
GT2381B4-0108X-XX	2	8
GT2381B4-0203X-XX	4	3
GT2381B4-0204X-XX	4	4
GT2381B4-0205X-XX	4	5

M12 A-Coding Shielded Cable End 90° Male Without SR



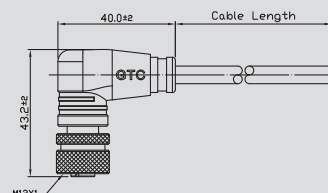
P/N	Rated current (A)	Contacts
GT2381B5-2412X-XX	1.5	12
GT2381B5-0108X-XX	2	8
GT2381B5-0203X-XX	4	3
GT2381B5-0204X-XX	4	4
GT2381B5-0205X-XX	4	5

M12 D-Coding Shielded Cable End Female without SR



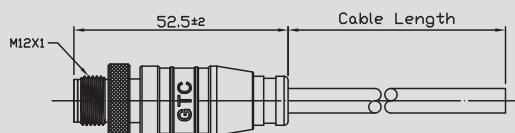
P/N	Rated current (A)	Contacts
GT2384A4-0204X-XX	4	4

M12 D-Coding Shielded Cable End 90° Female without SR



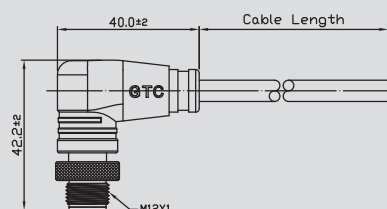
P/N	Rated current (A)	Contacts
GT2384A5-0204X-XX	4	4

M12 D-Coding Shielded Cable End Male without SR



P/N	Rated current (A)	Contacts
GT2384B4-0204X-XX	4	4

M12 D-Coding Shielded Cable End 90° Male without SR



P/N	Rated current (A)	Contacts
GT2384B5-0204X-XX	4	4

M12 A-Coding Field Installable Cable End Female Solder



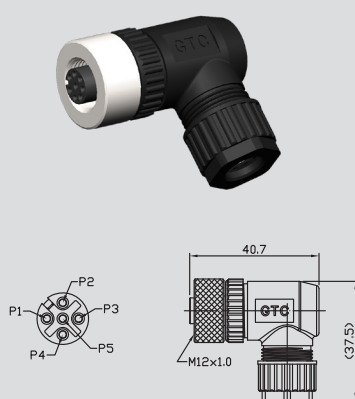
P/N	Rated current (A)	Contacts
GT234144-04120	1.5	12
GT234144-01080	2	8
GT234144-02030	4	3
GT234144-02040	4	4
GT234144-02050	4	5

M12 A-Coding Field Installable Cable End Male Solder



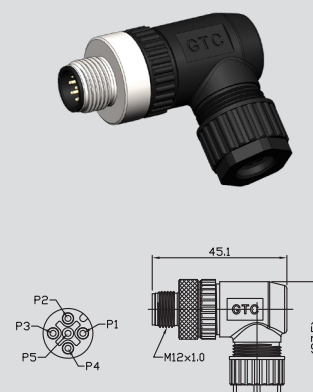
P/N	Rated current (A)	Contacts
GT234154-04120	1.5	12
GT234154-01080	2	8
GT234154-02030	4	3
GT234154-02040	4	4
GT234154-02050	4	5

M12 A-Coding Field Installable Cable End 90° Female Solder



P/N	Rated current (A)	Contacts
GT234145-01080	2	8
GT234145-02050	4	5
GT234145-04120	1.5	12

M12 A-Coding Field Installable Cable End 90° Male Solder

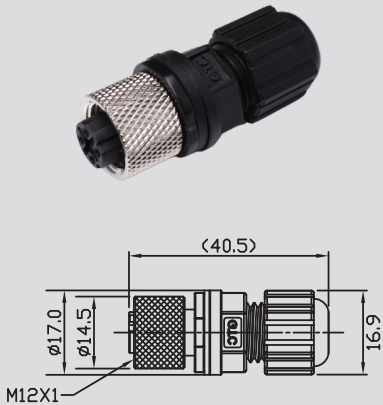


P/N	Rated current (A)	Contacts
GT234155-01080	2	8
GT234155-02050	4	5
GT234155-04120	1.5	12

Sensor

FIELD INSTALLABLE CABLE END

M12 D-Coding Field Installable Cable End Female Solder



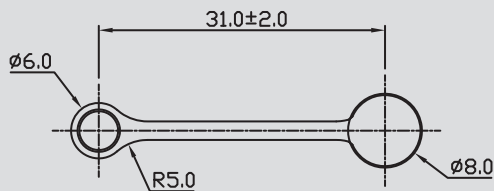
P/N	Rated current (A)	Contacts
GT234444-02040	4	4

M12 D-Coding Field Installable Cable End Male Solder



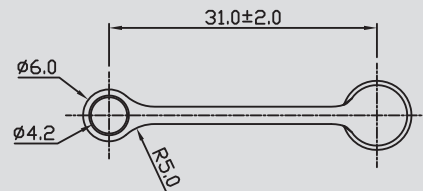
P/N	Rated current (A)	Contacts
GT234454-02040	4	4

Cap For M5 Female



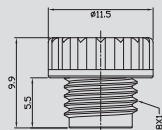
P/N	Mating Series No.
GT5C314092	GT231102 Series
	GT231103 Series

Cap For M5 Male

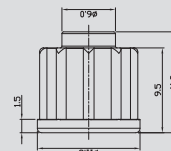


P/N	Mating Series No.
GT5C314192	GT231112 Series
	GT231113 Series

Plastic Cap For M8 Female End



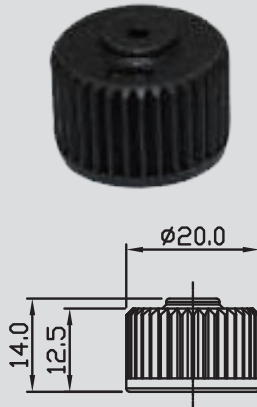
Plastic Cap For M8 Male End



P/N	Mating Series No.
GT1C3230X2	GT232102 Series
	GT232103 Series
	GT232203 Series

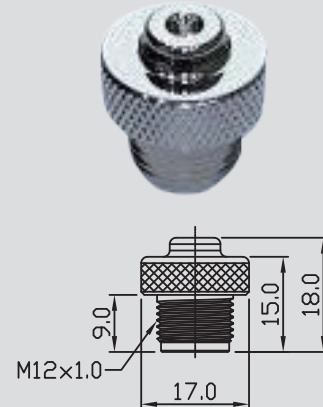
P/N	Mating Series No.
GT1C3231X2	GT232112 Series
	GT232113 Series
	GT232212 Series
	GT232213 Series

Plastic Cap For M12 Male End



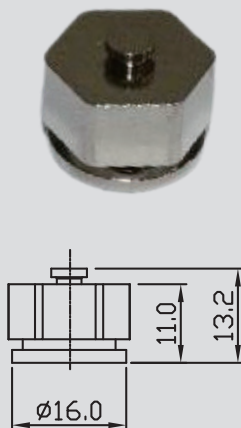
P/N	Mating Series No.
GT1C3431X2	GT134110 Series
	GT134410 Series

Metal Cap For M12 Female End



P/N	Mating Series No.
GT2C3430X2	GT234102 Series
	GT234103 Series
	GT234402 Series
	GT234403 Series
	GT234602 Series

Metal Cap For M12 Male End



P/N	Mating Series No.
GT2C3421X2	GT234112 Series
	GT234113 Series
	GT234117 Series
	GT234412 Series
	GT234413 Series
	GT234612 Series



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