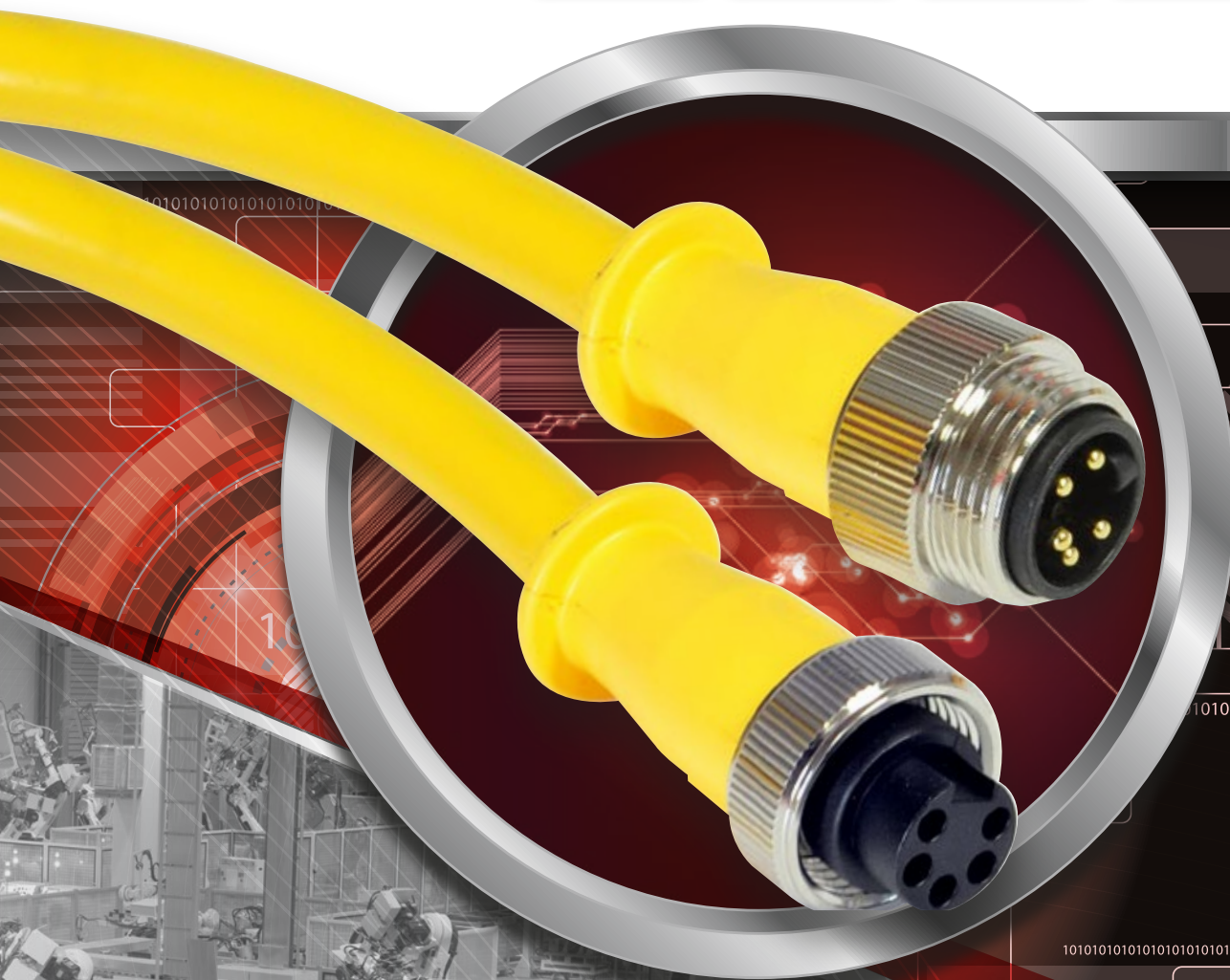
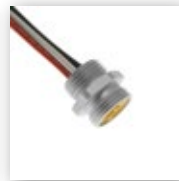
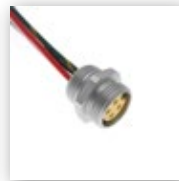
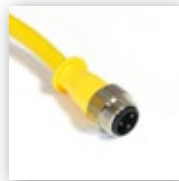
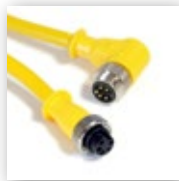


MINI SENSOR CABLES
AND ACCESSORIES

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SENSORS



- QUICK-CONNECT SENSOR CABLES FOR SENSORS AND POWER SUPPLY
- CABLES AVAILABLE IN 3, 4, 5 AND 6 PIN MODELS
- EURO AND US COLOR CODES AVAILABLE
- AVAILABLE IN SHIELDED AND UNSHEILDDED MODELS

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MINI SENSOR CABLES SINGLE ENDED SPECIFICATIONS

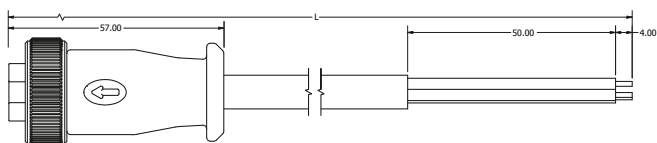


CONNECTOR	Female Straight		Female Angled		Male Straight		Male Angled	
CABLE MATERIAL	PVC							
WIRE GAUGE	18 AWG	16 AWG	18 AWG	16 AWG	18 AWG	16 AWG	18 AWG	16 AWG
RATED VOLTAGE	600 V AC/DC							
PROTECTION	IP68							
PART NUMBERS								
SHIELD NOT CONNECTED TO COUPLING NUT								
	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code
3 PIN	ZB-FS3TZ-V53#	ZB-FS3TZ-V43*FT	ZB-FA3TZ-V53#	ZB-FA3TZ-V43*FT	ZB-MS3TZ-V53#	ZB-MS3TZ-V43*FT	ZB-MA3TZ-V53#	ZB-MA3TZ-V43*FT
4 PIN	ZB-FS4TZ-V54#	ZB-FS4TZ-V44*FT	ZB-FA4TZ-V54#	ZB-FA4TZ-V44*FT	ZB-MS4TZ-V54#	ZB-MS4TZ-V44*FT	ZB-MA4TZ-V54#	ZB-MA4TZ-V44*FT
5 PIN	ZB-FS5TZ-V55#	ZB-FS5TZ-V45*FT	ZB-FA5TZ-V55#	ZB-FA5TZ-V45*FT	ZB-MS5TZ-V55#	ZB-MS5TZ-V45*FT	ZB-MA5TZ-V55#	ZB-MA5TZ-V45*FT
6 PIN	ZB-FS6TZ-V56#	ZB-FS6TZ-V46*FT	ZB-FA6TZ-V56#	ZB-FA6TZ-V46*FT	ZB-MS6TZ-V56#	ZB-MS6TZ-V46*FT	ZB-MA6TZ-V56#	ZB-MA6TZ-V46*FT
SHIELD CONNECTED TO COUPLING NUT								
	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code
3 PIN	ZS-FS3TZ-V53#	ZS-FS3TZ-V43*FT	ZS-FA3TZ-V53#	ZS-FA3TZ-V43*FT	ZS-MS3TZ-V53#	ZS-MS3TZ-V43*FT	ZS-MA3TZ-V53#	ZS-MA3TZ-V43*FT
4 PIN	ZS-FS4TZ-V54#	ZS-FS4TZ-V44*FT	ZS-FA4TZ-V54#	ZS-FA4TZ-V44*FT	ZS-MS4TZ-V54#	ZS-MS4TZ-V44*FT	ZS-MA4TZ-V54#	ZS-MA4TZ-V44*FT
5 PIN	ZS-FS5TZ-V55#	ZS-FS5TZ-V45*FT	ZS-FA5TZ-V55#	ZS-FA5TZ-V45*FT	ZS-MS5TZ-V55#	ZS-MS5TZ-V45*FT	ZS-MA5TZ-V55#	ZS-MA5TZ-V45*FT
6 PIN	ZS-FS6TZ-V56#	ZS-FS6TZ-V46*FT	ZS-FA6TZ-V56#	ZS-FA6TZ-V46*FT	ZS-MS6TZ-V56#	ZS-MS6TZ-V46*FT	ZS-MA6TZ-V56#	ZS-MA6TZ-V46*FT

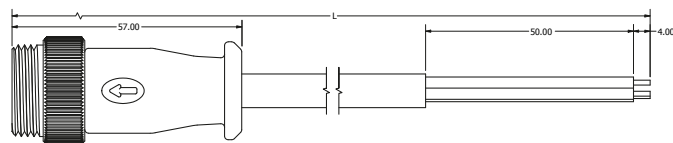
Note: Replace # with length of cable in Meters (Standard lengths 1, 2, 5, 10). Replace * with length of cable in Feet (Standard lengths 3, 6, 12, 15, 20,3 0). For other lengths please contact the factory.

(measurements shown in mm)

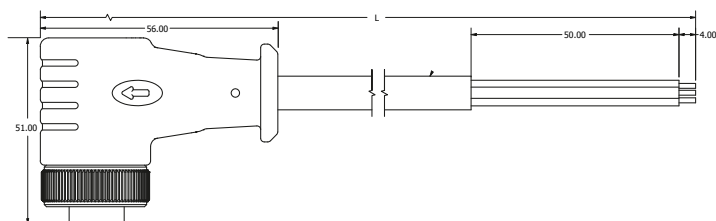
FEMALE STRAIGHT



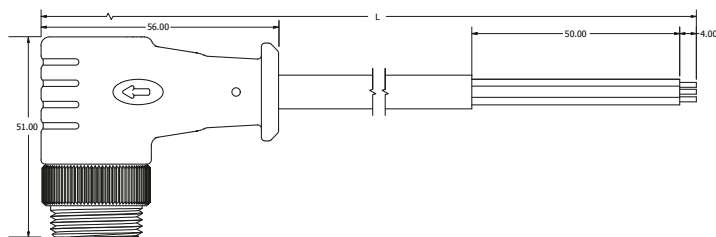
MALE STRAIGHT



FEMALE ANGLED



MALE ANGLED



MINI SENSOR CABLES DOUBLE ENDED SPECIFICATIONS

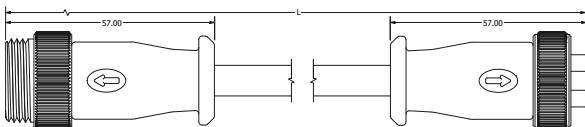


CONNECTOR	Male Straight/Female Straight		Male Straight/Female Angled		Male Angled/Female Angled		Male Angled/Female Straight	
CABLE MATERIAL	PVC							
WIRE GAUGE	18 AWG	16 AWG	18 AWG	16 AWG	18 AWG	16 AWG	18 AWG	16 AWG
RATED VOLTAGE	600 V AC/DC							
PROTECTION	IP68							
PART NUMBERS								
SHIELD NOT CONNECTED TO COUPLING NUT								
	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code
3 PIN	ZB-MS3TZ-V53#+ZB-FS3	ZB-MS3TZ-V43#+ZB-FS3	ZB-MS3TZ-V53#+ZB-FA3	ZB-MS3TZ-V43#+ZB-FA3	ZB-MA3TZ-V53#+ZB-FA3	ZB-MA3TZ-V43#+ZB-FA3	ZB-MA3TZ-V53#+ZB-FS3	ZB-MA3TZ-V43#+ZB-FS3
4 PIN	ZB-MS4TZ-V54#+ZB-FS4	ZB-MS4TZ-V44#+ZB-FS4	ZB-MS4TZ-V54#+ZB-FA4	ZB-MS4TZ-V44#+ZB-FA4	ZB-MA4TZ-V54#+ZB-FA4	ZB-MA4TZ-V44#+ZB-FA4	ZB-MA4TZ-V54#+ZB-FS4	ZB-MA4TZ-V44#+ZB-FS4
5 PIN	ZB-MS5TZ-V55#+ZB-FS5	ZB-MS5TZ-V45#+ZB-FS5	ZB-MS5TZ-V55#+ZB-FA5	ZB-MS5TZ-V45#+ZB-FA5	ZB-MA5TZ-V55#+ZB-FA5	ZB-MA5TZ-V45#+ZB-FA5	ZB-MA5TZ-V55#+ZB-FS5	ZB-MA5TZ-V45#+ZB-FS5
6 PIN	ZB-MS6TZ-V56#+ZB-FS6	ZB-MS6TZ-V46#+ZB-FS6	ZB-MS6TZ-V56#+ZB-FA6	ZB-MS6TZ-V46#+ZB-FA6	ZB-MA6TZ-V56#+ZB-FA6	ZB-MA6TZ-V46#+ZB-FA6	ZB-MA6TZ-V56#+ZB-FS6	ZB-MA6TZ-V46#+ZB-FS6
SHIELD CONNECTED TO COUPLING NUT								
	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code	Euro Color Code	US Color Code
3 PIN	ZS-MS3TZ-V53#+ZS-FS3	ZS-MS3TZ-V43#+ZS-FS3	ZS-MS3TZ-V53#+ZS-FA3	ZS-MS3TZ-V43#+ZS-FA3	ZS-MA3TZ-V53#+ZS-FA3	ZS-MA3TZ-V43#+ZS-FA3	ZS-MA3TZ-V53#+ZS-FS3	ZS-MA3TZ-V43#+ZS-FS3
4 PIN	ZS-MS4TZ-V54#+ZS-FS4	ZS-MS4TZ-V44#+ZS-FS4	ZS-MS4TZ-V54#+ZS-FA4	ZS-MS4TZ-V44#+ZS-FA4	ZS-MA4TZ-V54#+ZS-FA4	ZS-MA4TZ-V44#+ZS-FA4	ZS-MA4TZ-V54#+ZS-FS4	ZS-MA4TZ-V44#+ZS-FS4
5 PIN	ZS-MS5TZ-V55#+ZS-FS5	ZS-MS5TZ-V45#+ZS-FS5	ZS-MS5TZ-V55#+ZS-FA5	ZS-MS5TZ-V45#+ZS-FA5	ZS-MA5TZ-V55#+ZS-FA5	ZS-MA5TZ-V45#+ZS-FA5	ZS-MA5TZ-V55#+ZS-FS5	ZS-MA5TZ-V45#+ZS-FS5
6 PIN	ZS-MS6TZ-V56#+ZS-FS6	ZS-MS6TZ-V46#+ZS-FS6	ZS-MS6TZ-V56#+ZS-FA6	ZS-MS6TZ-V46#+ZS-FA6	ZS-MA6TZ-V56#+ZS-FA6	ZS-MA6TZ-V46#+ZS-FA6	ZS-MA6TZ-V56#+ZS-FS6	ZS-MA6TZ-V46#+ZS-FS6

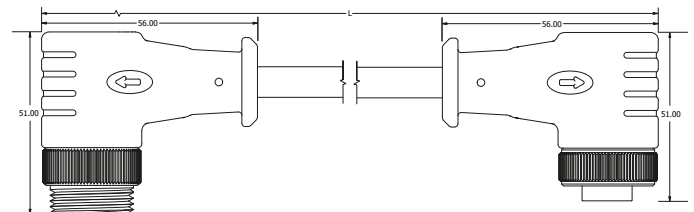
Note: Replace # with length of cable in Meters (Standard lengths 1, 2, 5, 10). Replace * with length of cable in Feet (Standard lengths 3, 6, 12, 15, 20,3 0). For other lengths please contact the factory.

(measurements shown in mm)

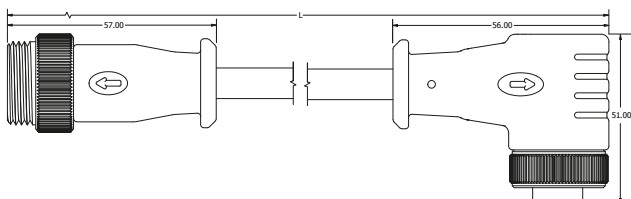
MALE STRAIGHT TO FEMALE STRAIGHT



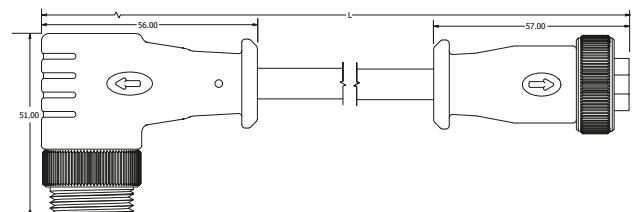
MALE ANGLED TO FEMALE ANGLED



MALE STRAIGHT TO FEMALE ANGLED



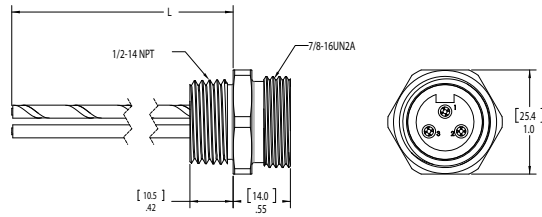
MALE ANGLED TO FEMALE STRAIGHT



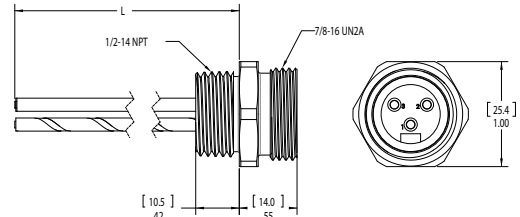
MINI SENSOR CABLES AND ACCESSORIES

7/8" RECEPTACLES SPECIFICATIONS

FEMALE STRAIGHT



MALE STRAIGHT



CABLE MATERIAL	PVC			
WIRE GAUGE	16 AWG			
RATED VOLTAGE	600 V AC/DC			
PROTECTION	IP68			
PART NUMBERS				
	Euro Color Code	US Color Code	Euro Color Code	US Color Code
3 PIN	Z-FS3FZ/0.3/1/2-14NPT	Z-FS3FZ/1FT/1/2-14NPT	Z-MS3FZ/0.3/1/2-14NPT	Z-MS3FZ/1FT/1/2-14NPT
4 PIN	Z-FS4FZ/0.3/1/2-14NPT	Z-FS4FZ/1FT/1/2-14NPT	Z-MS4FZ/0.3/1/2-14NPT	Z-MS4FZ/1FT/1/2-14NPT
5 PIN	Z-FS5FZ/0.3/1/2-14NPT	Z-FS5FZ/1FT/1/2-14NPT	Z-MS5FZ/0.3/1/2-14NPT	Z-MS5FZ/1FT/1/2-14NPT

7/8" MALE 5-PIN

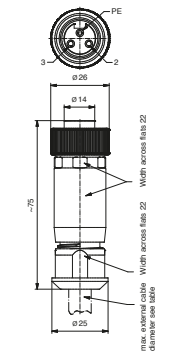
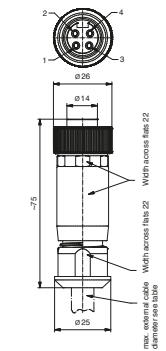
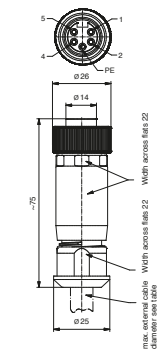
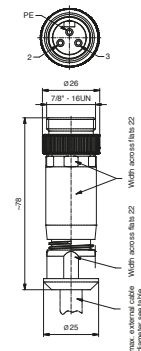
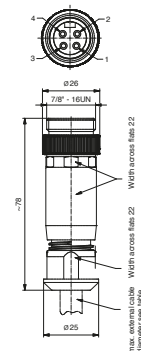
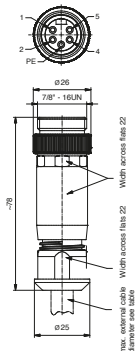
7/8" MALE 4-PIN

7/8" MALE 3-PIN

7/8" FEMALE 5-PIN

7/8" FEMALE 4-PIN

7/8" FEMALE 3-PIN



PROTECTION	IP67					
CONNECTION MODE	Screw Clamps					
PART NUMBERS						
7/8" Mini Field Connectors	FC-78MS5P-PG9	FC-78MS4P-PG9	FC-78MS3P-PG9	FC-78FS5P-PG9	FC-78FS4P-PG9	FC-78FS3P-PG9