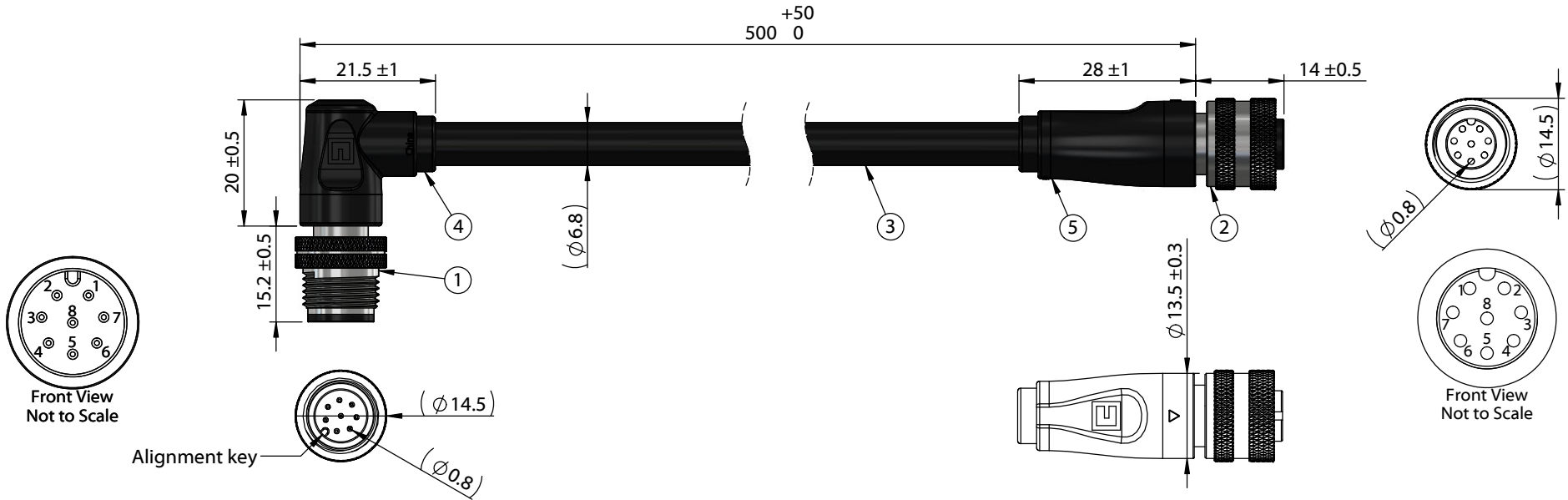


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|----------|-------------|------------------------------------------------------------------------------------------------------|------|-----------------|
| 1 | 50-00990 | Connector, 8 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 2 | 50-00983 | Connector, 8 pin M12 A-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 3 | 30-01611 | Wire, 8C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.8 mm, shielded, VW-1, PVC, 80A, black | 1 | |
| 4 | 24-00361 | Overmold, M12 plug and jack, 90° | 1 | PVC, black |
| 5 | 24-00349 | Overmold, M12 plug and jack, 180° | 1 | PVC, black |



| Wiring Diagram | | |
|----------------|--------------|----------|
| 50-00990 | wire color | 50-00983 |
| 1 | red | 1 |
| 2 | yellow | 2 |
| 3 | black | 3 |
| 4 | white | 4 |
| 5 | orange | 5 |
| 6 | blue | 6 |
| 7 | green | 7 |
| 8 | purple | 8 |
| Shell | shield/drain | Shell |

Notes:
 Cable rated for 30 V, 2 A
 Temperature: -40 ~ 105 °C
 Oil resistant up to 60 °C
 Water resistant up to 75 °C
 UV resistant

IP67 waterproof rating when mated with corresponding (IP67) connector

Functionally equivalent components may be substituted

| | | | | |
|-----------|------------|-----------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Revision: | Date: | Description: | Prepared: | Notes: |
| A | 12/30/2021 | Initial release | | RoHS compliant |
| | | | Verified: | Function test: no open, no short circuit, no intermittent |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Description: Cable, 500 mm, 0.8 mm 8C 90° 50-00990 M12 plug to 0.8 mm 50-00983 M12 socket, 24 AWG, 30-01611 wire |

TENSILITY

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| | |
|--------------|--------------|
| Size: | Part number: |
| A | 10-05095 |
| Scale: | 1:1 |
| | |
| Sheet 1 of 1 | |