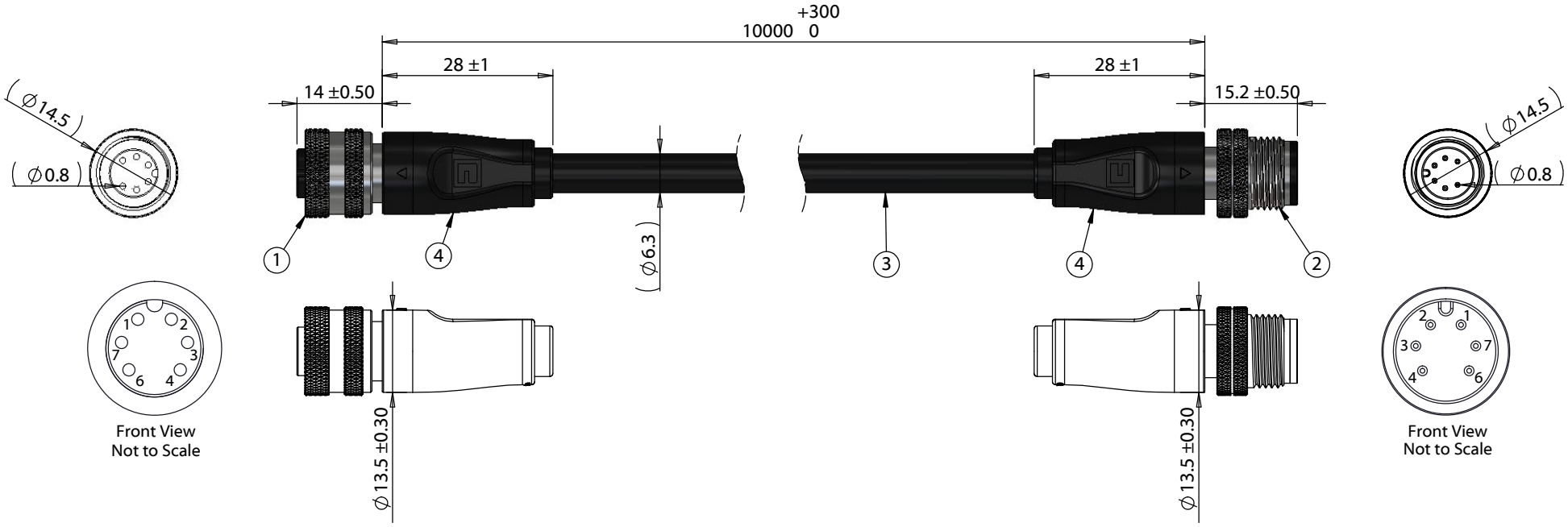
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00982	Connector, 6 pin M12 A-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	50-00989	Connector, 6 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded	1	
3	30-01595	Wire, 6C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.3 mm, shielded, VW-1, PVC, 80A, black	1	
4	24-00349	Overmold, M12 plug and jack, 180°	2	PVC, black



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

Wiring Diagram		
50-00982	wire color	50-00989
1	red	1
2	yellow	2
3	black	3
4	white	4
6	blue	6
7	green	7
Shell	shield/drain	Shell

Revision:	Date:	Description:
A	10/15/2020	Initial release

Prepared: AG Digitally signed by AG Date: 2020.10.15 16:48:29 -07'00'

Verified: AW Digitally signed by AW Date: 2020.10.20 16:02:20 -07'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:

RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:

Cable, 10000 mm, 0.8 mm 6C 50-00982 M12 socket to 0.8 mm 50-00989 M12 plug, 24 AWG, 30-01595 wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A

Part number: 10-03856

Scale: 1:1

Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com