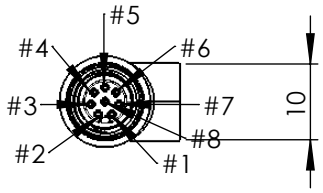
PART NUMBER	PRODUCT ID	L [mm]
185-20396-002	CCB-PWRIOM8-R-02	2000 ± 50
185-20396-003	CCB-PWRIOM8-R-05	5000 ± 50
185-20396-004	CCB-PWRIOM8-R-10	10000 ± 100
185-20396-005	CCB-PWRIOM8-R-15	15000 ± 150

03

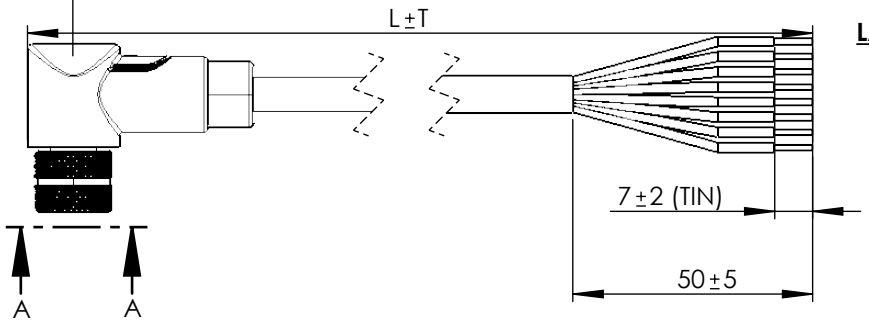
REVISIONS

REV.	DESCRIPTION	DATE	MODIFIED BY
01	FIRST DRAFT	03FEB2025	RD
02	CHANGED CODING ORIENTATION + COLOR DEFINITION BRAID & DRAIN	28MAR2025	RD
03	PID'S ADDED, 600mm CONFIGURATION REMOVED	28APR2025	RD

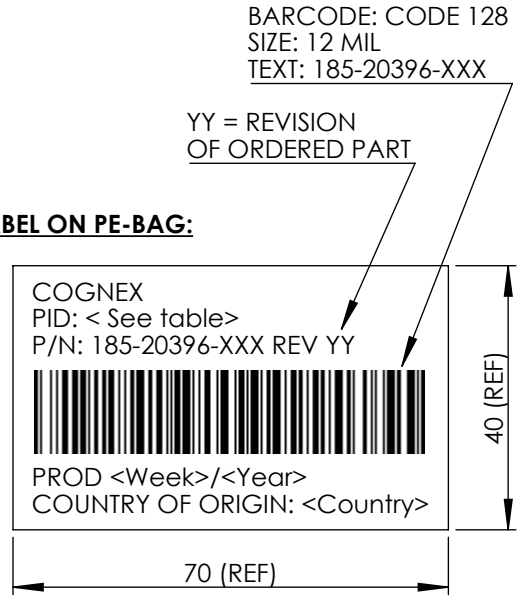
PIN ASSIGNMENT	CABLE COLOR
#1	GREY
#2	BLUE
#3	BLACK
#4	RED
#5	WHITE/PURPLE
#6	PURPLE
#7	ORANGE
#8	GREEN
S (BRAID & DRAIN)	TRANSPARENT



SECTION A-A



LABEL ON PE-BAG:



NOTES:

1. CONNECTOR 1:
   - # OF PINS: 8
   - CODING: A
   - THREAD: M8 FEMALE ACC. TO IEC 61076-2-104
2. CONNECTOR 2:
   - FLYING LEADS
3. RATED CURRENT: 1.5A
4. RATED VOLTAGE: 30V
5. INGRESS PROTECTION: IP67
6. COLOR: BLACK
7. UL94-V
8. OPERATING TEMPERATURE: 0 - 80°C
9. BENDING REQUIREMENTS:
   - 10x CABLE OD
   - >100000 CYCLES
   - 1 CYCLE: +/- 90 DEG.
10. PACKAGING: 1 CABLE EACH IN A TRANSPARENT PE BAG WITH A LABEL AS SHOWN ABOVE
11. ALL MATERIALS, PROCESSES AND FINISHES FOR THIS PRODUCT OR PART MUST COMPLY WITH THE LATEST VERSIONS OF CHINA ROHS, EU-ROHS, EU-REACH, EU-WFD AND U.S. EPA TSCA REGULATIONS OR DIRECTIVES. ADDITIONALLY FOR TOUCHABLE PARTS OF PRODUCTS AND CABLES CALIFORNIA PROP-65 MUST COMPLY.
12. PART TO BE CLEAN AND DRY.

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DOC TYPE	PART DRAWING
CREATED BY	rdelasau
CHECKED BY	L. ORBAN
MATERIAL	TPU (TBD)
FINISH	
ROUGHNESS	
VOLUME	
WEIGHT	

COGNEX

TITLE CABLE,M8x8-PIN,A-CODE,FL. LEADS,FEMALE,RA

PROJECT GOLDCREST

SIZE	DATE	DWG NO.	REV
A4		185-20396-X	03
SCALE 1:1	UNIT mm	VIEW	SHEET 1 OF 1

08/2021 V22