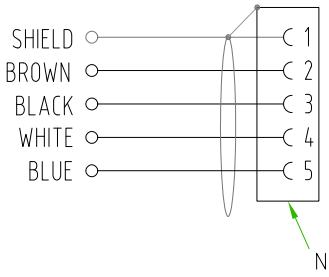
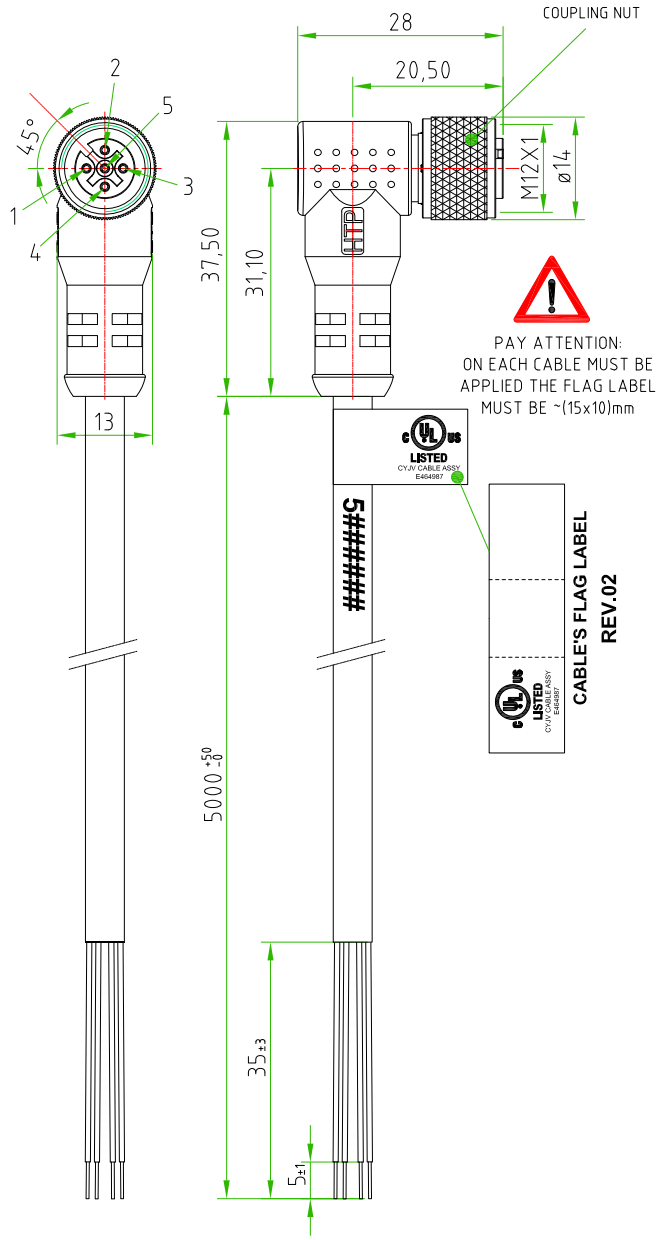
Rev.	Modify	Date	Signed	Approved
01	-	2019.06.10	SUGLIANI	CIMMINO
02	-	2019.09.02	SUGLIANI	CIMMINO
03	-	2019.09.16	SUGLIANI	CIMMINO





CONNECTOR FEATURES	PRODUCT TYPE	M12 CIRCULAR CONNECTOR A-CODED WITH MOULDED CABLE UL APPROVED
	UL NUMBER CERIFICATED	E464987
	CONNECTOR TYPE	ANGLED 90°
	HOUSING MATERIAL	Polypropylene PP4410
	INTERNALCORE MATERIAL	PA66 BASF C3U
	COUPLING NUT MATERIAL	BRASS+NICKELPLATED
	CONTACTS TYPE	FEMALE 5POLES
	NUMBER OF CONTACTS CONNECTED	N°5
	PROTECTION CLASS	IP69K (WHEN MATED TO A CONNECTOR)
	RATED VOLTAGE	60V AC/DC
	RATED CURRENT	4A
	CONNECTORS WITH H.T.P.LOGO	
	THE CONNECTION IS NOT STANDARD TOTALLY SHIELDED CONNECTOR (SHIELD CONNECTED TO THE NUT)	
CABLE FEATURES	H.T.P.CABLE CODE	CAVO R-4-UL
	NUMBER OF CONDUCTORS	N°4
	CONDUCTORS SECTION	0,34mm² (AWG22)
	CABLE DIAMETER	ø5,1mm
	CABLE OPERATING TEMPERATURE	-20°C + 80°C
	CABLE MATERIAL	PVC ULStyle21179
	COATING COLOUR	GREY RAL7032
	CONDUCTORS INSULATION MATERIAL	PVC
	CABLE LENGTH	5000mm
	STRIPPING	35mm STANDARD
	PEELING AND TINNING	5mm STANDARD
	CABLE SHIELDED	
	SHIELD MATERIAL	COPPER TIN PLATED
	SHIELD STRUCTURE	80x0,10mm
	OPTICAL SHIELD COVERING	80%
	WAVE IMPEDANCE	120Ω±10Ω (f=1MHz)
	ON THE CABLE,NEAR THE CONNECTOR HEAD,MUST BE SILK PRINTED THE H.T.P. PRODUCTION DATE CODE 5######	

RoHS COMPLIANT

CUSTOMER APPROVAL	
SIGNATURE	DATE
PLEASE SIGN AND RETURN	

Designer	SUGLIANI R.	Date 2019-05-02	Tollerance ±0.3	Units: mm	Series M12	Drawing n. 1-3
Approved	CIMMINO L.	Date 2019-05-02	Scale 1:1	Size: A4	Customer code: 08000103	

A4

HTP High Tech Products S.R.L.

DESCRIPTION

CIRCULAR A-CODED CONNECTOR M12,FEMALE,ANGLED 90°,5POLES,TOTALLY SHIELDED, UL APPROVED WITH CABLE PVC/PVC ULStyle21179,4xAWG22,GREY COLOUR,SHIELDED, L=5m. CONNECTOR WITH H.T.P.LOGO

H.T.P.PART NUMBER

12FV5R5Z-1SH-UL

H.T.P. High Tech Products S.R.L. Via Lesina,45 -24030- Brembate di Sopra (Bg) - ITALY Phone:+39.035692509 Fax:+39.035203291 E-mail: info@webhtp.eu Web: http://www.webhtp.eu/

ALL RIGHTS ARE RESERVED.

Rev.	Modify	Date	Signed	Approved
01	-	2019.06.10	SUGLIANI	CIMMINO
02	-	2019.09.02	SUGLIANI	CIMMINO
03	-	2019.09.16	SUGLIANI	CIMMINO

PACKAGING: **REV.01**

SINGLY PACKED IN PLASTIC BAG(plastic bag without any logo).
ON EACH PLASTIC BAG AND ON EACH
CARTON BOX(INTERNAL AND EXTERNAL)
MUST BE APPLIED THE:
- CUSTOMER LABEL.
- UL LABEL

REV.01

CUSTOMER LABEL

FOR THIS CODE MUST BE USED THE
"Ident. No": 12FV5R5Z-1SH-UL
THE BARCODE MUST BE CREATED IN
REFERENCE TO THE Ident. No
BARCODE TYPE: CODE39

FOR THIS CODE MUST BE USED THE
"INXPECT p/n": 08000103
THE BARCODE MUST BE CREATED IN
REFERENCE TO THE INXPECT p/n
BARCODE TYPE: CODE39

HTP HIGH TECH PRODUCTS S.R.L.

Made in China
www.webhtp.eu

Ident. No. : 12FV5R5Z-1SH-UL

YOM: ####

YEAR OF PRODUCTION:
EXAMPLE: 2019

INXPECT p/n : 08000103

RoHS

UL LABEL

HTP HIGH TECH PRODUCTS S.R.L.

H.T.P. High Tech Products S.R.L.
I-24030-Brembate di sopra(Bg)
Phone: +39.035692505
Fax: +39.035203291
E-mail: info@webhtp.eu
Web: http://www.webhtp.eu/

Code: 12FV5R5Z-1SH-UL
M12 female connector angled,5p,with cable
PVC ULstyle21179 4x0,34mm²(AWG22) grey 5m

60V AC/DC 4A

Made in China

c UL us
LISTED
CYJV CABLE
ASSY
E464987

CAUTION: NOT FOR INTERRUPTING CURRENT
ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT

RoHS COMPLIANT

CUSTOMER APPROVAL	
SIGNATURE	DATE
PLEASE SIGN AND RETURN	

Designer	SUGLIANI R.	Date 2019-05-02	Tollerance ±0.3	Units: mm	Series M12	Drawing n. 2-3
Approved	CIMMINO L.	Date 2019-05-02	Scale 1:1	Size: A4	Customer code: 08000103	

A4

HTP HIGH TECH PRODUCTS S.R.L.

DESCRIPTION

CIRCULAR A-CODED CONNECTOR M12,FEMALE,ANGLED 90°,5POLES,TOTALLY SHIELDED, UL APPROVED WITH CABLE PVC/PVC ULStyle21179,4xAWG22,GREY COLOUR,SHIELDED, L=5m. CONNECTOR WITH H.T.P.LOGO

H.T.P.PART NUMBER

12FV5R5Z-1SH-UL

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Rev.	Modify	Date	Signed	Approved

Rev.	Modify	Date	Signed	Approved

Rev.	Modify	Date	Signed	Approved
01	-	2019.06.11	SUGLIANI	CIMMINO
02	-	2019.09.02	SUGLIANI	CIMMINO
03	-	2019.09.16	SUGLIANI	CIMMINO

REV.03

PAY ATTENTION:
THE CABLE MUST BE ROLLED AND SINGLY INSERTED IN PLASTIC BAGS,
THE CABLES MUST BE PUT INTO THE BOX CORRECTLY, MUST BE CIRCULAR

CORRECT



NOT CORRECT



RoHS COMPLIANT

CUSTOMER APPROVAL	
SIGNATURE	DATE
PLEASE SIGN AND RETURN	

Designer	SUGLIANI R.	Date 2019-05-02	Tollerance ±0.3	Units: mm	Series M12	Drawing n. 3-3
Approved	CIMMINO L.	Date 2019-05-02	Scale 1:1	Size: A4	Customer code: 08000103	

A4

HTP™ High Tech Products S.R.L.

DESCRIPTION

CIRCULAR A-CODED CONNECTOR M12,FEMALE,ANGLED 90°,5POLES,TOTALLY SHIELDED, UL APPROVED WITH CABLE PVC/PVC ULStyle21179,4xAWG22,GREY COLOUR,SHIELDED, L=5m. CONNECTOR WITH H.T.P.LOGO

H.T.P.PART NUMBER

12FV5R5Z-1SH-UL

H.T.P. High Tech Products S.R.L. Via Lesina,45 -24030- Brembate di Sopra (Bg) - ITALY Phone:+39.035692509 Fax:+39.035203291 E-mail: info@webhtp.eu Web: http://www.webhtp.eu/

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