

 HARTING Pushing Performance	HARTING Product Change Notification	PCN
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Business Unit: Electronics – Arnold.Tchiegne@HARTING.com **PCN/22/011/C+N-US**
Product Range: Interface Connectors / M12 PushPull **Date: 2023/03/01**
Title: **M12 Power male housing + ISK male L-coded -External** Page 1/1

Details of the Product Changes

1. Concerned Part Numbers

In case of questions or concerns, please do not hesitate to contact our technical support.

Technical Support E-mail: TechSupportUS@HARTING.com

Technical Support Phone Number: 866-278-0306 (Select option 3 for technical support)

Concerned p/n of the change.

M12 Power male housing frontmounting

p/n	Description
21033021001	PCB receptacle housing front m (60 pcs)
21033021001407	M12-P-ACC-HOUSING M FRONT MOUNTING
21033091431	M12 Power S - PCB male front 1pc
21033091531	M12-PCB-THR-2PC-5P-KCOD-M-STR- Front 1pc
21033961531	PCB receptacle hous and insert front 1pc
21033961532	PCB r. hous & insert front M. 1pc w/o FE
21533021001	PCB receptacle housing front m(60pcs)(W)
21533961531	PCB receptacle hous and insert front 1pc
21533961532	PCB RECEP HOUSING AND INSERT FRONT(1)/W

M12 Power male PCB insulating body L-code

p/n	Description
21033961505	PCB receptacle male L-coded (60 pcs)
21033961515	PCB receptacle male L-coded (60 pcs)
21033961530	PCB recept. hous. and insert back m 1pc
21033961531	PCB receptacle hous and insert front 1pc
21533961505	PCB receptacle male L-coded (60 pcs) (W)
21533961530	PCB recept. hous. and insert back m 1pc
21533961531	PCB receptacle hous and insert front 1pc
21033961506	PCB receptacle M L-cod (60pcs) W/O FE
21033961532	PCB r. hous & insert front M. 1pc w/o FE
21033961533	PCB r. hous. & insert back M. 1pc w/o FE
21533961506	PCB RECEPTACLE M L-CODED (60 inserts) /W
21533961532	PCB RECEP HOUSING AND INSERT FRONT(1)/W
21533961533	PCB RECEP.HOUSING AND INSERT BACK M 1/ W

2. Description of Changes/News

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Pushing Performance

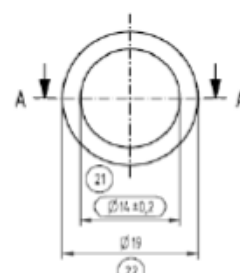
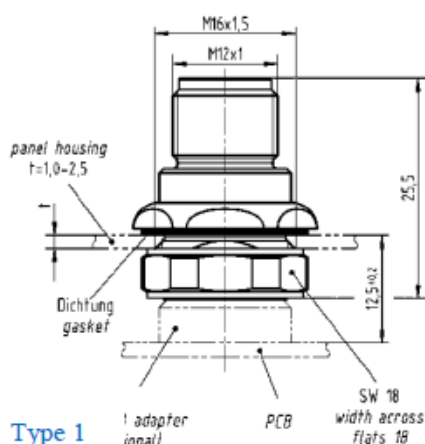
HARTING Product Change Notification

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Herewith we inform you about a change at the M12 Power PCB receptacle male housing and the M12 male L-coded insulating body. Due to the needed implementation of PushPull feature acc. IEC 61076-2-010 standard.

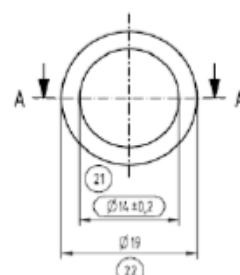
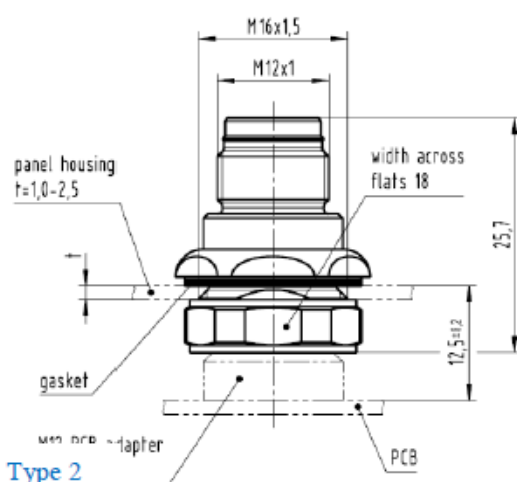
Change: M12 Power PCB receptacle male housing. p/n 21 03 302 1001

1. Old version – Housing without PushPull-feature and black flat seal



flat seal 19 x 2,5 x 1 – Material NBR55 (85°C),
color black

2. New version – Housing with PushPull-feature acc. IEC 61076-2-010 and grey flat seal



flat seal 19 x 2,5 x 1 – Material NBR70
(125°C), color grey

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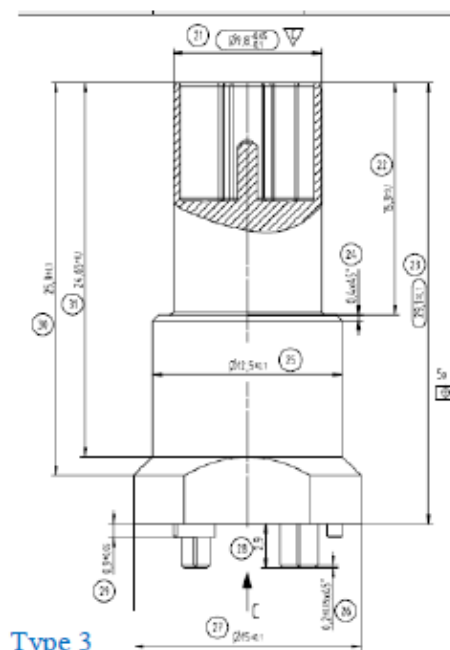
Pushing Performance

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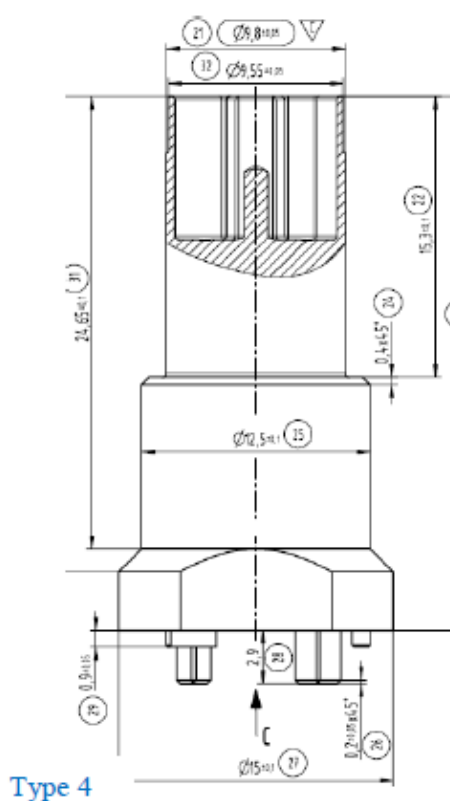
Change: M12 male L-coded insulating body, p/n 21 03 396 1505

1. Old version – M12 insulating body male



Diameter 9,8mm

2. New version – M12 insulating body male



New diameter 9,55mm

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3. Impact on Product Specification			
<i>The implementation of the PushPull feature caused a reduction of the inner diameter of the receptacle housing in the area where the PushPull contour is designed. Those reduction is needed to get the required wall thickness. Due to this fact an additional change at the M12 male L-coded insulating body is needed. All other technical properties and dimension at the receptacle housing and the insulating body keep untouched.</i>			
Possible combination		PCB insulating body	
		Type 3	Type 4
M12 housing	Type 1	OK	OK
	Type 2	NOK	OK
4. Scheduled Date of Implementation			
<i>The design changes are already done and implemented and will be valid with immediately effect.</i>			
5. Identification of Change			
<i>All concerned p/n get a new revision level</i>			
6. Datasheet			
Electronics			
7. Appendix (Optional)			

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