

## Product change notification (PCN)

<b>Title / short description</b>	Wireless products RAD..., ILB BT ADIO MUX..., FL COMSERVER..., PSI-DATA/BASIC..., FO converters PSI-MOS..., PSI-REP..., PSM-ME..., media converters FL MC EF... – new approvals/RAD...-IFS firmware update
<b>Affected article category</b>	Industrial communication technology
<b>Change category</b>	Marking, Software modification
<b>Change number</b>	CDN190052-00

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### Purpose/objective of the change

Country-specific approvals and firmware update

### Detailed description of the change

Numerous items from the fields of Industrial Wireless and fieldbus communication have received new approvals, i.e., for Korea, Russia, South Korea, Brazil, India, Vietnam, and South Africa. In addition, the RAD-2400-IFS(-JP), RAD-868-IFS, RAD-RS485-IFS, and RAD-EE-2400-RS485 Radioline wireless modules will be supplied with a new firmware version. # For further information on approvals and firmware, please refer to the attached pdf file CDN190052\_Approvals\_EN.

### Identifying characteristics

Packaging label and printing on the side of the device

<b>Start of Production (SOP)</b>	-	<b>Last Time Delivery (LTD)</b>	-
<b>Effective date (EOP)</b>	2020-09-10	<b>End of Service (EOSR)</b>	-
<b>End of Sales (EOS)</b>	-		

### Short-term change (< 6 months) or discontinuation (< 12 months), due to:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Software / Firmware Bugfix | <input type="checkbox"/> Short-term delivery stop by supplier       | <input type="checkbox"/> Short-term recall by supplier |
| <input type="checkbox"/> Force majeure              | <input type="checkbox"/> Product improvement with customer benefits |  |
| <input type="checkbox"/> Others                     |   |  |

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### Attachments

- CDN190052\_Approvals\_EN.pdf
- Material\_list.csv
- PCN-CDN190052-00 Funkprodukte RAD..., ILB BT ADIO MUX..., FL COMSERVER..., PSI-DATA/BASIC..., LWL-Konverter PSI-MOS..., PSI-REP..., PSM-ME..., Medienkonverter FL MC EF... - Neue Zulassungen / RAD...-IFS - Firmware-Update\_DE
- PCN-CDN190052-00 Wireless products RAD..., ILB BT ADIO MUX..., FL COMSERVER..., PSI-DATA/BASIC..., FO converters PSI-MOS..., PSI-REP..., PSM-ME..., media converters FL MC EF... – new approvals/RAD...-IFS firmware update\_EN

### Material list

Item	Article Type	Revision/production batch		Item	Substitute item Type
		old	new		
2901541	RAD-2400-IFS	21/183	21/190		
2702863	RAD-2400-IFS-JP	20/180	21/190		
1081818	RAD-EE-2400-RS485	11/181	11/190		
2904909	RAD-868-IFS	12/181	12/190		
2702184	RAD-RS485-IFS	10/101	10/190		
2901533	RAD-DAIO6-IFS	12/101	12/101		
2901535	RAD-DI4-IFS	11/101	11/101		
2901536	RAD-DOR4-IFS	11/101	11/101		
2901537	RAD-AI4-IFS	12/101	12/101		
2901538	RAD-AO4-IFS	11/101	11/101		
2904035	RAD-PT100-4-IFS	10/101	10/101		
2901539	RAD-DI8-IFS	10/100	10/100		
2902811	RAD-DO8-IFS	10/100	10/100		
2884208	ILB BT ADIO MUX-OMNI	10/200	10/200		
2313452	FL COMSERVER UNI 232/422/485	11/240	11/240		
2313478	FL COMSERVER BASIC 232/422/485	11/240	11/240		
2313067	PSI-DATA/BASIC-MODEM/RS232	03	04		
2708261	PSI-MOS-PROFIB/FO 850 T	13/260	20/301		
2708326	PSI-MOS-RS485W2/FO 850 T	12/200	20/301		
2708339	PSI-MOS-RS485W2/FO 850 E	12/200	20/301		
2708368	PSI-MOS-RS232/FO 660 E	13/1E0	14/1E0		
2708575	PSI-MOS-RS422/FO1300 E	13/1E2	14/1E2		
2708892	PSI-MOS-PROFIB/FO1300 T	12/273	20/301		
2708863	PSI-REP-PROFIBUS/12MB	23/250	30/300		
2744416	PSM-ME-RS232/RS485-P	21/420	21/420		
2744429	PSM-ME-RS485/RS485-P	20/310	20/310		
2902853	FL MC EF 1300 MM SC	21/130	21/130		
2902854	FL MC EF 1300 MM ST	11/130	11/130		

## Produktänderungsmitteilung (PCN)

<b>Titel / kurze Beschreibung</b>	Funkprodukte RAD..., ILB BT ADIO MUX..., FL COMSERVER..., PSI-DATA/BASIC..., LWL-Konverter PSI-MOS..., PSI-REP..., PSM-ME..., Medienkonverter FL MC EF... - Neue Zulassungen / RAD...-IFS - Firmware-Update
<b>Betroffene Artikelkategorie</b>	Industrielle Kommunikationstechnik
<b>Änderungskategorie</b>	Beschriftung, Änderung der Software
<b>Änderungsnummer</b>	CDN190052-00

### Zweck/Ziel der Änderung

Länderzulassungen und Firmware-Update

### Detailbeschreibung der Änderung

Zahlreiche Artikel aus den Bereichen Industrial Wireless und Feldbuskommunikation haben neue Zulassungen erreicht, u. a. für Korea, Russland, Südkorea, Brasilien, Indien, Vietnam, Südafrika. Außerdem werden die Radioline-Funkmodule RAD-2400-IFS(-JP), RAD-868-IFS, RAD-RS485-IFS und RAD-EE-2400-RS485 mit einer neuen Firmware-Version ausgeliefert. # Weitere Informationen zu Zulassungen und Firmware finden Sie in der pdf-Datei CDN190052\_Approvals\_EN im Anhang.

### Identifizierende Merkmale

Verpackungsetikett und seitliche Bedruckung am Gerät

<b>Beginn der Herstellung (SOP)</b>	-	<b>Letztmalige Lieferung (LTD)</b>	-
<b>Inkrafttreten der Änderung (EOP)</b>	2020-09-10	<b>Einstellung von Service (EOSR)</b>	-
<b>Einstellung des Vertriebs (EOS)</b>	-		

### Kurzfristige Änderung (< 6 Monate) oder Abkündigung (< 12 Monate), auf Grund von:

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Software / Firmware Bugfix | <input type="checkbox"/> Kurzfristiger Lieferstopp durch den Lieferanten | <input type="checkbox"/> Kurzfristiger Rückruf durch den Lieferanten |
| <input type="checkbox"/> Höhere Gewalt              | <input type="checkbox"/> Produktverbesserung mit Kundennutzen            |  |
| <input type="checkbox"/> Sonstiges                  |  |  |

### Anlagen

- CDN190052\_Approvals\_EN.pdf
- Material\_list.csv
- PCN-CDN190052-00 Funkprodukte RAD..., ILB BT ADIO MUX..., FL COMSERVER..., PSI-DATA/BASIC..., LWL-Konverter PSI-MOS..., PSI-REP..., PSM-ME..., Medienkonverter FL MC EF... - Neue Zulassungen / RAD...-IFS - Firmware-Update\_DE
- PCN-CDN190052-00 Wireless products RAD..., ILB BT ADIO MUX..., FL COMSERVER..., PSI-DATA/BASIC..., FO converters PSI-MOS..., PSI-REP..., PSM-ME..., media converters FL MC EF... - new approvals/RAD...-IFS firmware update\_EN

## Materialliste

Art.-Nr.	Artikel Typ	Revision/Versionscharge		Art.-Nr.	Ersatzartikel Typ
		alt	neu		
2901541	RAD-2400-IFS	21/183	21/190		
2702863	RAD-2400-IFS-JP	20/180	21/190		
1081818	RAD-EE-2400-RS485	11/181	11/190		
2904909	RAD-868-IFS	12/181	12/190		
2702184	RAD-RS485-IFS	10/101	10/190		
2901533	RAD-DAIO6-IFS	12/101	12/101		
2901535	RAD-DI4-IFS	11/101	11/101		
2901536	RAD-DOR4-IFS	11/101	11/101		
2901537	RAD-AI4-IFS	12/101	12/101		
2901538	RAD-AO4-IFS	11/101	11/101		
2904035	RAD-PT100-4-IFS	10/101	10/101		
2901539	RAD-DI8-IFS	10/100	10/100		
2902811	RAD-DO8-IFS	10/100	10/100		
2884208	ILB BT ADIO MUX-OMNI	10/200	10/200		
2313452	FL COMSERVER UNI 232/422/485	11/240	11/240		
2313478	FL COMSERVER BASIC 232/422/485	11/240	11/240		
2313067	PSI-DATA/BASIC-MODEM/RS232	03	04		
2708261	PSI-MOS-PROFIB/FO 850 T	13/260	20/301		
2708326	PSI-MOS-RS485W2/FO 850 T	12/200	20/301		
2708339	PSI-MOS-RS485W2/FO 850 E	12/200	20/301		
2708368	PSI-MOS-RS232/FO 660 E	13/1E0	14/1E0		
2708575	PSI-MOS-RS422/FO1300 E	13/1E2	14/1E2		
2708892	PSI-MOS-PROFIB/FO1300 T	12/273	20/301		
2708863	PSI-REP-PROFIBUS/12MB	23/250	30/300		
2744416	PSM-ME-RS232/RS485-P	21/420	21/420		
2744429	PSM-ME-RS485/RS485-P	20/310	20/310		
2902853	FL MC EF 1300 MM SC	21/130	21/130		
2902854	FL MC EF 1300 MM ST	11/130	11/130		

Item	Type	old	new	Substitute item	Replacement product designation	eCl@ss 9.0
2901541	RAD-2400-IFS	21/183	21/190			19179290
2702863	RAD-2400-IFS-JP	20/180	21/190			19179290
1081818	RAD-EE-2400-RS485	11/181	11/190			19179290
2904909	RAD-868-IFS	12/181	12/190			19170201
2702184	RAD-RS485-IFS	10/101	10/190			19179290
2901533	RAD-DAIO6-IFS	12/101	12/101			27242602
2901535	RAD-DI4-IFS	11/101	11/101			27242604
2901536	RAD-DOR4-IFS	11/101	11/101			27242604
2901537	RAD-AI4-IFS	12/101	12/101			27242601
2901538	RAD-AO4-IFS	11/101	11/101			27242601
2904035	RAD-PT100-4-IFS	10/101	10/101			27242601
2901539	RAD-DI8-IFS	10/100	10/100			27242604
2902811	RAD-DO8-IFS	10/100	10/100			27242604
2884208	ILB BT ADIO MUX-OMNI	10/200	10/200			27242602
2313452	FL COMSERVER UNI 232/422/485	11/240	11/240			19179290
2313478	FL COMSERVER BASIC 232/422/485	11/240	11/240			19179290
2313067	PSI-DATA/BASIC-MODEM/RS232	03	04			19060590
2708261	PSI-MOS-PROFIB/FO 850 T	13/260	20/301			19170114
2708326	PSI-MOS-RS485W2/FO 850 T	12/200	20/301			19170114
2708339	PSI-MOS-RS485W2/FO 850 E	12/200	20/301			19170114
2708368	PSI-MOS-RS232/FO 660 E	13/1E0	14/1E0			19170114
2708575	PSI-MOS-RS422/FO1300 E	13/1E2	14/1E2			19170114
2708892	PSI-MOS-PROFIB/FO1300 T	12/273	20/301			19170114
2708863	PSI-REP-PROFIBUS/12MB	23/250	30/300			19179290
2744416	PSM-ME-RS232/RS485-P	21/420	21/420			19179290
2744429	PSM-ME-RS485/RS485-P	20/310	20/310			19179290
2902853	FL MC EF 1300 MM SC	21/130	21/130			19170114
2902854	FL MC EF 1300 MM ST	11/130	11/130			19170114

# 1 Approvals for Industrial Wireless and fieldbus communication products

✓ = Yes

- = No

Designation	Item no.	Russia		South Korea		Brazil	India	Vietnam	South Africa	Mexico
		EAC	EAC Ex	KC	KC-s	Anatel	WPC	ICT	ICASA	IFT
<b>Wireless modules</b>										
RAD-2400-IFS	2901541	-	✓	✓	✓	✓	✓	✓	✓	-
RAD-2400-IFS-JP	2702863	-	-	-	-	-	-	-	-	-
RAD-EE-2400-RS485	1081818	-	-	✓	-	✓	✓	-	-	✓
RAD-868-IFS	2904909	-	-	-	-	-	-	-	✓	-
RAD-RS485-IFS	2702184	-	✓	-	-	-	-	-	-	-
<b>I/O extension modules</b>										
RAD-DAIO6-IFS	2901533	-	✓	✓	-	-	-	-	-	-
RAD-DI4-IFS	2901535	-	✓	✓	-	-	-	-	-	-
RAD-DOR4-IFS	2901536	-	✓	✓	-	-	-	-	-	-
RAD-AI4-IFS	2901537	-	✓	✓	✓	-	-	-	-	-
RAD-AO4-IFS	2901538	-	✓	✓	✓	-	-	-	-	-
RAD-PT100-4-IFS	2904035	-	✓	-	✓	-	-	-	-	-
RAD-DI8-IFS	2901539	-	✓	-	-	-	-	-	-	-
RAD-DO8-IFS	2902811	-	✓	-	-	-	-	-	-	-
<b>Bluetooth module</b>										
ILB BT ADIO MUX-OMNI	2884208	✓	-	✓	-	-	-	-	-	-
<b>Device servers</b>										
FL COMSERVER UNI 232/422/485	2313452	✓	-	✓	-	-	-	-	-	-
FL COMSERVER BASIC 232/422/485	2313478	✓	-	✓	-	-	-	-	-	-
<b>Analog modem</b>										
PSI-DATA/BASIC-MODEM/RS232	2313067	✓	-	✓	-	-	-	-	-	-
<b>FO converters</b>										
PSI-MOS-PROFIB/FO 850 T	2708261	✓	-	✓	-	-	-	-	-	-
PSI-MOS-RS485W2/FO 850 T	2708326	✓	-	✓	-	-	-	-	-	-
PSI-MOS-RS485W2/FO 850 E	2708339	✓	-	✓	-	-	-	-	-	-
PSI-MOS-RS232/FO 660 E	2708368	✓	-	✓	-	-	-	-	-	-
PSI-MOS-RS422/FO1300 E	2708575	✓	-	✓	-	-	-	-	-	-

Designation	Item no.	Russia		South Korea		Brazil	India	Vietnam	South Africa	Mexico
		EAC	EAC Ex	KC	KC-s	Anatel	WPC	ICT	ICASA	IFT
PSI-MOS-PROFIB/FO1300 T	2708892	✓	-	✓	-	-	-	-	-	-
<b>Repeaters and media converters</b>										
PSI-REP-PROFIBUS/12MB	2708863	✓	-	✓	-	-	-	-	-	-
PSM-ME-RS232/RS485-P	2744416	✓	-	✓	-	-	-	-	-	-
PSM-ME-RS485/RS485-P	2744429	✓	-	✓	-	-	-	-	-	-
FL MC EF 1300 MM SC	2902853	✓	-	✓	-	-	-	-	-	-
FL MC EF 1300 MM ST	2902854	✓	-	✓	-	-	-	-	-	-

## 2 Firmware update for wireless modules

The firmware of the following wireless modules will be updated to version 1.90:

Designation	Item no.	New features
RAD-2400-IFS	2901541	Support of the new extension modules:
RAD-2400-IFS-JP	2702863	<ul style="list-style-type: none"> <li>- RAD-NAM4-IFS, 2316275 for four NAMUR digital inputs</li> <li>- RAD-AI4-U-IFS, 2702290 for four analog voltage inputs</li> </ul> New network settings to increase performance and reliability of wireless communication in applications using long serial telegrams or using many wireless networks in parallel
RAD-868-IFS	2904909	Support of the new extension modules:
RAD-RS485-IFS	2702184	<ul style="list-style-type: none"> <li>- RAD-NAM4-IFS, 2316275 for four NAMUR digital inputs</li> <li>- RAD-AI4-U-IFS, 2702290 for four analog voltage inputs</li> </ul>
RAD-EE-2400-RS485	1081818	New network settings to increase performance and reliability of wireless communication in applications using long serial telegrams or using many wireless networks in parallel



For the use of firmware version 1.90 you need PSI-CONF software version 2.73 or higher.  
It is available for download under [phoenixcontact.net/product/2901541](http://phoenixcontact.net/product/2901541).