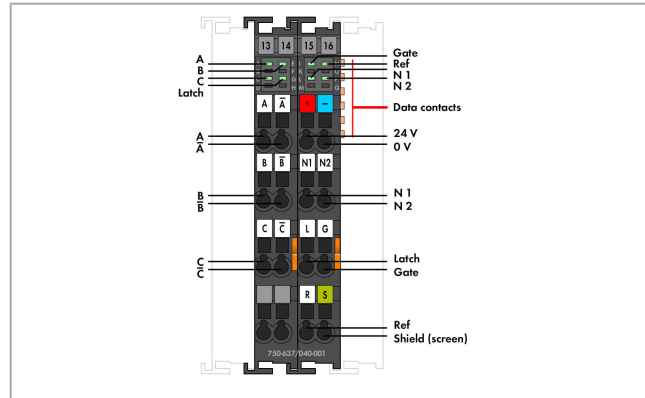


# Data sheet | Item number: 750-637/040-001

Incremental encoder interface; 24 VDC; Differential input; 32 bits; Extreme; dark gray



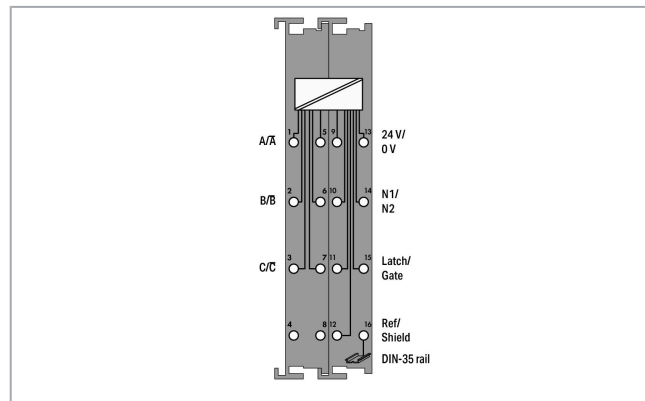
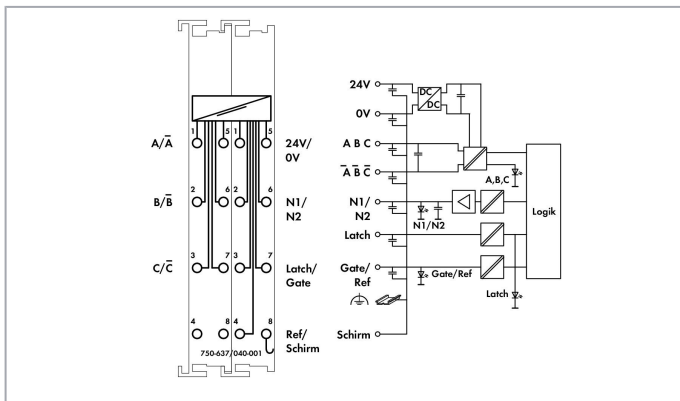
[www.wago.com/750-637/040-001](http://www.wago.com/750-637/040-001)



RoHS Compliant ✓

BOMcheck.net

Color: ■



## Item description

This module is an interface for incremental encoders with standard connections (e.g., RS-422, differential, single-ended).

A counter with quadrature decoder as well as a latch for the zero impulse can be read or enabled by the controller. The controller can set the counter or transmit the counter value to the Latch. As an alternative this can also be done using input "C" or "Latch."

The rate (increments/ms) is automatically acquired and can also be transmitted to the controller as an alternative to the latch value.

A counter lock-out is possible using the "Gate" input. Input "Ref" can be used to activate the initial point "C" function.

Subject to changes. Please also observe the further product documentation!

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The cam outputs N1 and N2 indicate whether the counter value is within a defined range of values. The range can be adjusted.

Both the module and the 24 V encoder require a 24 VDC power supply.

The shield directly connects to the DIN-rail.

The device is ideal for operation in extreme environments thanks to:

- Extended temperature range
- Greater immunity to impulse voltages and electromagnetic interference
- Higher vibration and shock resistance

## Data

### Technical data

|  |   |
|--|---|
| Counter depth  | 32 Bit  |
| Transmitter connection   | A, A/, B, B/, C, C/   |
| Supply voltage (transmitter)                                   | 24 VDC  |
| Zero impulse (latch)   | 32 Bit  |
| Quadrature decoder   | 4x evaluation   |
| Input current (typ.)   | Latch 7 mA, Gate 7 mA, Ref. 7 mA  |
| Output current per channel                                     | 0.5 A   |
| Output current   | short-circuit-protected   |
| Output voltage   | 24 VDC  |
| Voltage range for signal (0)                                   | $(U_{ABC} - U_{ABC})$ : -30 ... +15 VDC; Latch, gate, ref.: -3 ... +5 VDC |
| Voltage range for signal (1)                                   | $(U_{ABC} - U_{ABC})$ : 15 ... 30 VDC; Latch, gate, ref.: 15 ... 30 VDC   |
| Data width   | 1 x 32-bit data 2 x 8-bit control/status                                  |
| Limit frequency  | 250 kHz   |
| Commands   | Reading, setting, activating  |
| Supply voltage (system)  | 5 VDC; via data contacts  |
| Power consumption (5 V system supply)                          | 110 mA  |
| Power consumption, field supply (module with no external load) | 35 mA   |
| Rated surge voltage  | 1 kV  |

### Connection data

|                                       |  |
|---------------------------------------|--|
| Connection technology: inputs/outputs | 16 x CAGE CLAMP®                             |
| Connection type (1)                   | Inputs/Outputs                               |
| Solid conductor                       | 0.25 ... 2.5 mm <sup>2</sup> / 24 ... 14 AWG |
| Fine-stranded conductor               | 0.25 ... 2.5 mm <sup>2</sup> / 24 ... 14 AWG |
| Strip length                          | 8 ... 9 mm / 0.31 ... 0.35 inch              |

Subject to changes. Please also observe the further product documentation!



## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 24 mm / 0.945 inch   |
| Height                            | 100 mm / 3.937 inch  |
| Depth                             | 67.8 mm / 2.669 inch |
| Depth from upper edge of DIN-rail | 60.6 mm / 2.386 inch |

## Mechanical data

|               |             |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

## Material data

|                    |                              |
|--------------------|------------------------------|
| Color              | dark gray                    |
| Housing material   | Polycarbonate; polyamide 6.6 |
| Weight             | 116.8 g                      |
| Conformity marking | CE                           |

## Environmental requirements

|  |  |
|--|--|
| Surrounding air temperature (operation)  | -40 ... 70 °C  |
| Surrounding air temperature (storage)    | -40 ... 85 °C  |
| Protection type                          | IP20   |
| Pollution degree (5)                     | 2 per IEC 61131-2  |
| Operating altitude                       | without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); 5000 m (max.)  |
| Mounting position                        | horizontal (standing/lying); vertical  |
| Relative humidity (without condensation) | 95 %   |
| Relative humidity (with condensation)    | Short-term condensation per Class 3K7/IEC EN 60721-3-3 and E-DIN 40046-721-3 (except for wind-driven precipitation, water and ice formation)                     |
| Vibration resistance                     | per IEC 60068-2-6 (acceleration: 5g), EN 60870-2-2, IEC 60721-3-1, -3, EN 50155; EN 61373  |
| Shock resistance                         | per IEC 60068-2-27 (15g/11 ms/half-sine/1,000 shocks; 25g/6 ms/1,000 shocks), EN 50155, EN 61373   |
| EMC immunity to interference             | per EN 61000-6-1, -2; EN 61131-2; marine applications; EN 50121-3-2; EN 50121-4, -5; EN 60255-26; EN 60870-2-1; EN 61850-3; IEC 61000-6-5; IEEE 1613; VDEW: 1994 |
| EMC emission of interference             | per EN 61000-6-3, -4, EN 61131-2, EN 60255-26, marine applications, EN 60870-2-1, EN 61850-3, EN 50121-3-2, EN 50121-4, -5                                       |

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|                        |                                       |
|------------------------|---------------------------------------|
| Exposure to pollutants | Per IEC 60068-2-42 and IEC 60068-2-43 |
|------------------------|---------------------------------------|

|  |        |
|--|--------|
| Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 % | 10 ppm |
|--|--------|

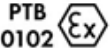



|   |        |
|---|--------|
| Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 % | 25 ppm |
|---|--------|

### Commercial data


|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4055143673587 |
| Customs tariff number | 85389099990   |

### Approvals / Certificates

#### Ex-Approvals

| Logo   | Approval  | Additional Approval Text | Certificate name        |
|--|---|--------------------------|-------------------------|
|                        | <b>ATEX</b><br>TUEV Nord Cert GmbH                                | EN 60079-0               | TUEV 17 ATEX<br>193969X |
| <br>Ex nA IIC T4 Gc | <b>CCCEX</b><br>CQST/CNEX   | CNCA-C23-01              | 2020312310000214        |
|                      | <b>IECEX</b><br>TUEV Nord Cert GmbH                               | IEC 60079-0              | IECEX TUN 16.0046<br>X  |
|                      | <b>UL</b><br>Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS) | UL 121201                | E198726 Sec.1           |

#### Ship Approvals

| Logo   | Approval  | Additional Approval Text | Certificate name         |
|--|---|--------------------------|--------------------------|
|  | <b>ABS</b><br>American Bureau of Shipping               | -                        | 18-<br>HG1778162-<br>PDA |
|  | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAA00000Y7               |

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|   |                 |   |             |
|---|-----------------|---|-------------|
|   | <b>LR</b>       | - | 17/20073 LR |
|  | Lloyds Register |   |             |









|  |                        |   |                       |
|--|------------------------|---|-----------------------|
|  | <b>PRS</b>             | - | TE/2215<br>/880590/18 |
|  | Polski Rejestr Statków |   |                       |

#### UL-Approvals

| Logo   | Approval   | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>UL</b><br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 61010-2-201           | E175199<br>Sec10 |

#### Compatible products















##### Marking accessories

|  |   |  |
|--|---|--|
|  | <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white          | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                 |
|  | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a> |
|  | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red    | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a> |
|  | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue   | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
|  | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray   | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a> |
|  | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
















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|  |   |  |
|--|---|--|
|    | <p><b>Item no.: 2009-145/000-023</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>  | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
|    | <p><b>Item no.: 2009-145/000-024</b><br/>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p> | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |
|    | <p><b>Item no.: 248-501</b><br/>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card</p>                      | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                   |
|    | <p><b>Item no.: 248-501/000-002</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p>                                  | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>   |
|    | <p><b>Item no.: 248-501/000-005</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p>                                     | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>   |
|    | <p><b>Item no.: 248-501/000-006</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p>                                    | <a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>   |
|    | <p><b>Item no.: 248-501/000-007</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p>                                    | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>   |
|  | <p><b>Item no.: 248-501/000-012</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p>                                  | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>   |
|  | <p><b>Item no.: 248-501/000-017</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p>                             | <a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>   |
|  | <p><b>Item no.: 248-501/000-023</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p>                                   | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>   |
|  | <p><b>Item no.: 248-501/000-024</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p>                                  | <a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a>   |
|  | <p><b>Item no.: 750-103</b><br/>Group marker carrier; transparent</p>   | <a href="http://www.wago.com/750-103">www.wago.com/750-103</a>                   |
|  | <p><b>Item no.: 750-107</b><br/>Group marker carrier; transparent</p>   | <a href="http://www.wago.com/750-107">www.wago.com/750-107</a>                   |
| <b>shield connection</b>   |   |  |
|  | <p><b>Item no.: 790-108</b><br/>Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm</p>                                      | <a href="http://www.wago.com/790-108">www.wago.com/790-108</a>                   |

Subject to changes. Please also observe the further product documentation!






|  |   |  |
|--|---|--|
|    | <b>Item no.: 790-116</b><br>Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm                       | <a href="http://www.wago.com/790-116">www.wago.com/790-116</a>                 |
|    | <b>Item no.: 790-124</b><br>Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm                       | <a href="http://www.wago.com/790-124">www.wago.com/790-124</a>                 |
|    | <b>Item no.: 790-140</b><br>Shield clamping saddle; diameter of compatible conductor  | <a href="http://www.wago.com/790-140">www.wago.com/790-140</a>                 |
|    | <b>Item no.: 790-208</b><br>Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm  | <a href="http://www.wago.com/790-208">www.wago.com/790-208</a>                 |
|    | <b>Item no.: 790-216</b><br>Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm   | <a href="http://www.wago.com/790-216">www.wago.com/790-216</a>                 |
|    | <b>Item no.: 790-220</b><br>Shield clamping saddle; 30 mm wide; 6 ... 20 mm   | <a href="http://www.wago.com/790-220">www.wago.com/790-220</a>                 |
| <b>system box</b>  |   |  |
|    | <b>Item no.: 850-804</b><br>IP65 enclosure; Stainless steel; WxHxD (400x123x200 mm); 4 x M20, 16 x M16, 28 x M12 cable grip         | <a href="http://www.wago.com/850-804">www.wago.com/850-804</a>                 |
|    | <b>Item no.: 850-804/000-001</b><br>IP65 enclosure; Stainless steel; WxHxD (400x123x200 mm); 2 x M20, 13 x M16, 32 x M12 cable grip | <a href="http://www.wago.com/850-804/000-001">www.wago.com/850-804/000-001</a> |
|   | <b>Item no.: 850-805</b><br>IP65 enclosure; Stainless steel; WxHxD (600x123x200 mm); 4 x M20, 19 x M16, 67 x M12 cable grip         | <a href="http://www.wago.com/850-805">www.wago.com/850-805</a>                 |
|  | <b>Item no.: 850-814/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate            | <a href="http://www.wago.com/850-814/002-000">www.wago.com/850-814/002-000</a> |
|  | <b>Item no.: 850-815/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate            | <a href="http://www.wago.com/850-815/002-000">www.wago.com/850-815/002-000</a> |
|  | <b>Item no.: 850-816/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate            | <a href="http://www.wago.com/850-816/002-000">www.wago.com/850-816/002-000</a> |
|  | <b>Item no.: 850-817/002-000</b><br>IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate            | <a href="http://www.wago.com/850-817/002-000">www.wago.com/850-817/002-000</a> |
|  | <b>Item no.: 850-825</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20                          | <a href="http://www.wago.com/850-825">www.wago.com/850-825</a>                 |
|  | <b>Item no.: 850-826</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip     | <a href="http://www.wago.com/850-826">www.wago.com/850-826</a>                 |
|  | <b>Item no.: 850-826/002-000</b><br>IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable  |  |

Subject to changes. Please also observe the further product documentation!

|  |  |  |
|--|--|--|
|    | grip   | <a href="http://www.wago.com/850-826/002-000">www.wago.com/850-826/002-000</a> |
|    | <b>Item no.: 850-827</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip                      | <a href="http://www.wago.com/850-827">www.wago.com/850-827</a>                 |
|    | <b>Item no.: 850-827/002-000</b><br>IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip              | <a href="http://www.wago.com/850-827/002-000">www.wago.com/850-827/002-000</a> |
|    | <b>Item no.: 850-828</b><br>IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip                     | <a href="http://www.wago.com/850-828">www.wago.com/850-828</a>                 |
|    | <b>Item no.: 850-828/002-000</b><br>IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip             | <a href="http://www.wago.com/850-828/002-000">www.wago.com/850-828/002-000</a> |
|    | <b>Item no.: 850-834</b><br>IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20   | <a href="http://www.wago.com/850-834">www.wago.com/850-834</a>                 |
|    | <b>Item no.: 850-835</b><br>IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip                      | <a href="http://www.wago.com/850-835">www.wago.com/850-835</a>                 |
|   | <b>Item no.: 850-836</b><br>IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip                      | <a href="http://www.wago.com/850-836">www.wago.com/850-836</a>                 |
| <b>Carrier rail</b>  |  |  |
|  | <b>Item no.: 210-112</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored | <a href="http://www.wago.com/210-112">www.wago.com/210-112</a>                 |
|  | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                  | <a href="http://www.wago.com/210-113">www.wago.com/210-113</a>                 |
|  | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored                   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a>                 |
|  | <b>Item no.: 210-115</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored | <a href="http://www.wago.com/210-115">www.wago.com/210-115</a>                 |
|  | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                 | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a>                 |
|  | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored               | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a>                 |
|  | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored                     | <a href="http://www.wago.com/210-197">www.wago.com/210-197</a>                 |
|  | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-                       | <a href="http://www.wago.com/210-198">www.wago.com/210-198</a>                 |

Subject to changes. Please also observe the further product documentation!



|  |   |  |  |
|--|---|--|--|
|  | colored   |  |  |
|  | <b>Item no.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored   |  | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a> |
|  | <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored |  | <a href="http://www.wago.com/210-505">www.wago.com/210-505</a> |
|  | <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored  |  | <a href="http://www.wago.com/210-506">www.wago.com/210-506</a> |
|  | <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored    |  | <a href="http://www.wago.com/210-508">www.wago.com/210-508</a> |

## Downloads Documentation

| Manual  |                        |                 |          |
|---|------------------------|-----------------|----------|
| Incremental encoder interface /XTR<br>24 VDC  | V 1.1.0<br>23. 9. 2019 | pdf<br>2.7 MB   | Download |
| Bid Text  |                        |                 |          |
| 750-637/040-001<br>doc - Datei  | 12. 2. 2018            | doc<br>31.7 kB  | Download |
| 750-637/040-001<br>X81 - Datei  | 19. 2. 2019            | xml<br>7.8 kB   | Download |
| System Description  |                        |                 |          |
| System Manual XTR<br>Basic conditions and recommendations for higher operational safety | V 1.3.0<br>1. 2. 2021  | pdf<br>6.3 MB   | Download |
| 750 XTR Series I/O-System – General Product Information                                 |                        | pdf<br>1.1 MB   | Download |
| Overview on WAGO-I/O-SYSTEM 750 approvals   |                        | pdf<br>780.2 kB | Download |
| Additional Information  |                        |                 |          |
| Disposal; Electrical and electronic equipment, Packaging                                | V 1.0.0                | pdf<br>265.8 kB | Download |

Subject to changes. Please also observe the further product documentation!



## CAD/CAE-Data

### CAD data

|                              |                     |                          |
|------------------------------|---------------------|--------------------------|
| 2D/3D Models 750-637/040-001 | <a href="#">URL</a> | <a href="#">Download</a> |
|------------------------------|---------------------|--------------------------|

### CAE data

|                                   |                     |                          |
|-----------------------------------|---------------------|--------------------------|
| EPLAN Data Portal 750-637/040-001 | <a href="#">URL</a> | <a href="#">Download</a> |
|-----------------------------------|---------------------|--------------------------|

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| EPLAN Data Portal 750-637/040-001 | <a href="#">URL</a> | <a href="#">Download</a> |
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|------------------------------|---------------------|--------------------------|
| ZUKEN Portal 750-637/040-001 | <a href="#">URL</a> | <a href="#">Download</a> |
|------------------------------|---------------------|--------------------------|

## Environmental Product Compliance

### Compliance Search

|  |                     |                          |
|--|---------------------|--------------------------|
| Environmental Product Compliance 750-637/040-001 | <a href="#">URL</a> | <a href="#">Download</a> |
|--|---------------------|--------------------------|

Incremental encoder interface; 24 VDC; Differential input; 32 bits; Extreme; dark gray

## Installation Notes

### Product family

#### 750 XTR Series – I/O System

I/O-System 750 XTR: Dort automatisieren, wo jedes andere System an seine Grenzen stößt – und das zuverlässig und wirtschaftlich! XTR – dieses Kürzel im Systemnamen steht für extremen Schutz vor klimatischen Einflüssen, Schwingungen, Erschütterungen und Überspannungen.

[Show all products from the family](#)

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