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| **CHANGE REQUEST** | |
| Request identity number: | C00276 |
| Type of request: | Technically new |
| Request status level: | For evaluation |
| Proposal: | Proposal to standardize graphical symbol for diagrams for concept: Transceiver |
| Reason: | This CR introduces graphical symbols for diagrams to present concept transceiver (a component or device comprising both a transmitter and a receiver functions in a single housing). Concept of transceiver is used is many kind of communication systems and standards (e.g. in IEC 60839-5-1 as SPT and RCT). Depending on application transceiver can have different type of connections (e.g. electrical, optical, wireless, see examples on application note table below) to other components of system. |
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| **SYMBOL** | | | | | |
|  |  |  | | | |
| Symbol identity number: | | S01923 | Status: | Proposal |

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| Drawing: |  |  |
| Earlier published in: |  | Not applicable |
| Name: | EN | Transceiver |
| Name: | FR | Transceiver, Émetteur-récepteur |
| Keywords: | EN | Transceiver |
| Keywords: | FR |  |
| Applies: |  | S00060, S00102, S00103 |
| Application note: |  | A00376 |
| Application class: |  | Installation diagrams, Overview diagrams, Circuit diagrams |
| Function class: |  | K Processing signals or information,  T Converting but maintaining kind |
| Shape class: |  | Lines, squares, circles, depicting shapes |
| Remarks: |  |  |

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| **APPLICATION NOTE** | | | |
| Note identity number: | A00376 | Status: | Proposed |
| Note type: | General |  |  |

Note (EN):

Graphical symbol for transceiver should be used with relevant type of connection symbols (e.g. S00001 electrical, S00011 coaxial, S01318 optical, S01863 wireless) see examples on table 1.

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| Transceiver, connection type general electrical | Transceiver, connection type electrical coaxial | Transceiver, connection type optical | Transceiver, connection type wireless |
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Table 1. Examples of transceiver symbol with different type of connections.

Example of measuring application (temperature sensor, converter, transceiver) using graphical symbol transceiver as part of diagram.



Figure 1. Example of measuring application (temperature sensor, converter, transceiver).

Applies to: S01923