

SIMATIC RF600 DI/DO CABLE CONN. FOR RF640R;  
M12, 8 X 0.25 MM<sup>2</sup>, SHIELDED,  
MATERIAL PUR, IP67;  
LENGTH 5M;  
ONE SIDE OPEN



Cable length 5 m

### Electrical data

|                                      |          |
|--------------------------------------|----------|
| Number of electrical connections     | 1        |
| Loop resistance per length / maximum | 158 Ω/km |
| Insulation resistance coefficient    | 70 GΩ·m  |
| Operating voltage                    |          |
| • Maximum                            | 300 V    |

### Mechanical data

|                                                           |                                                |
|-----------------------------------------------------------|------------------------------------------------|
| Number of electrical wires                                | 8                                              |
| Design of shield                                          | Braided shield made of tin-plated copper wires |
| Outer diameter                                            |                                                |
| • of the cable sheath                                     | 5.9 mm                                         |
| Symmetrical tolerance of outer diameter / of cable sheath | 0.2 mm                                         |
| Material                                                  |                                                |
| • of the wire insulation                                  | PP                                             |
| • of the cable sheath                                     | PUR                                            |
| Color                                                     |                                                |
| • of the cable sheath                                     | Black                                          |
| Bending radius                                            |                                                |
| • with single bend / minimum permissible                  | 47.2 mm                                        |
| • with multiple bends / minimum permissible               | 59 mm                                          |

|                                                            |                |
|------------------------------------------------------------|----------------|
| • with continuous bending                                  | 59 mm          |
| Number of bending cycles                                   | 2000000        |
| Weight per length                                          | 59 kg/km       |
| <b>Permitted ambient conditions</b>                        |                |
| Ambient temperature                                        |                |
| • during operating                                         | -5 ... +80 °C  |
| • during storage                                           | -25 ... +80 °C |
| • during transport                                         | -25 ... +80 °C |
| • during installation                                      | -5 ... +80 °C  |
| <b>Product properties, functions, components / general</b> |                |
| Product feature                                            |                |
| • halogen-free                                             | No             |
| <b>Standards, specifications, approvals</b>                |                |
| UL/ETL listing / with 300 V rating                         | No             |
| <b>letzte Änderung:</b>                                    | Aug 6, 2014    |