

General Specifications

Model WU40
Sensor cables

GS 12D07W01-01EN-P

■ Overview

These cables are for use with the Yokogawa conductivity cells fitted with a cable connector. The plug/socket connection between cell and cable meets the requirements of IP65.

The connector of the cable has a secure screw connection with simple wiring mode. The gilded contacts ensure good electrical contact to the connector of the conductivity cell.

The cable is six wire multicore and covered with a thermoplastic PVC. The wires are also covered with thermoplastic PVC individually and coloured.

The cable connections are supplied with 2 mm contact pins for connection to the transmitter, preamplifier or connection box: these pins guarantee a correct and simple connection to the terminals.



■ 1. General Specifications

Cable length	: 1, 2, 5 1/2, 10, 15, 20 or 25 m
Temperature range	: -10 °C to +80 °C
Wire resistances	: approx. $18 \cdot 10^{-3} \Omega/m$
Capacity core/core/screen	: max. 130 pF/m
Isolation resistance between cores and screen	: approx. $109 \Omega/m$ (20 °C)
Connector contact resistance	: < 8 m Ω

■ 2. Dimensions and wiring

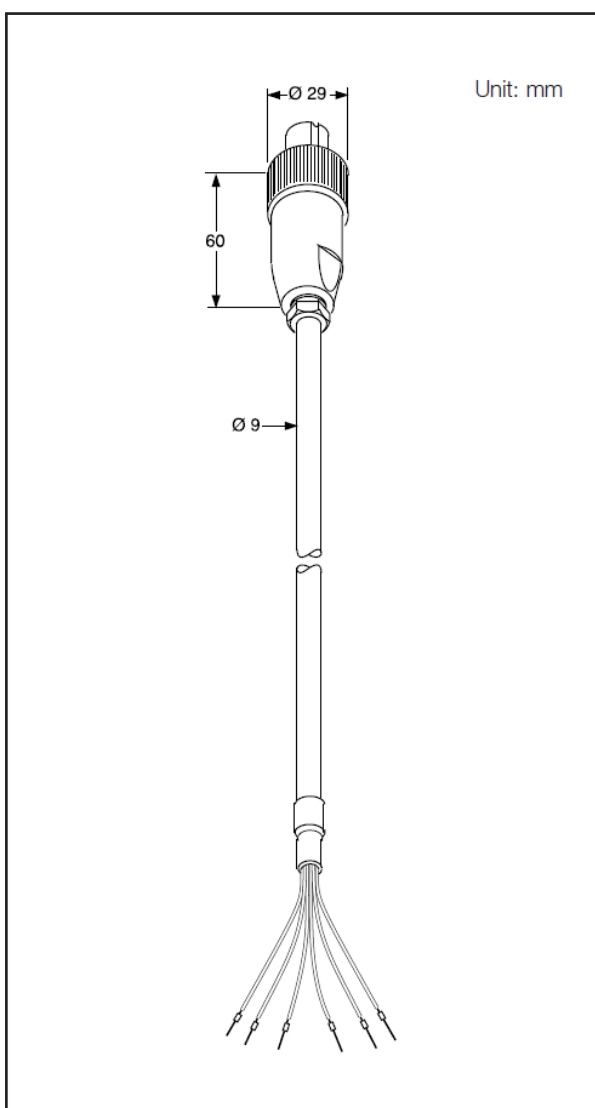


Figure 1: Dimensions WU40

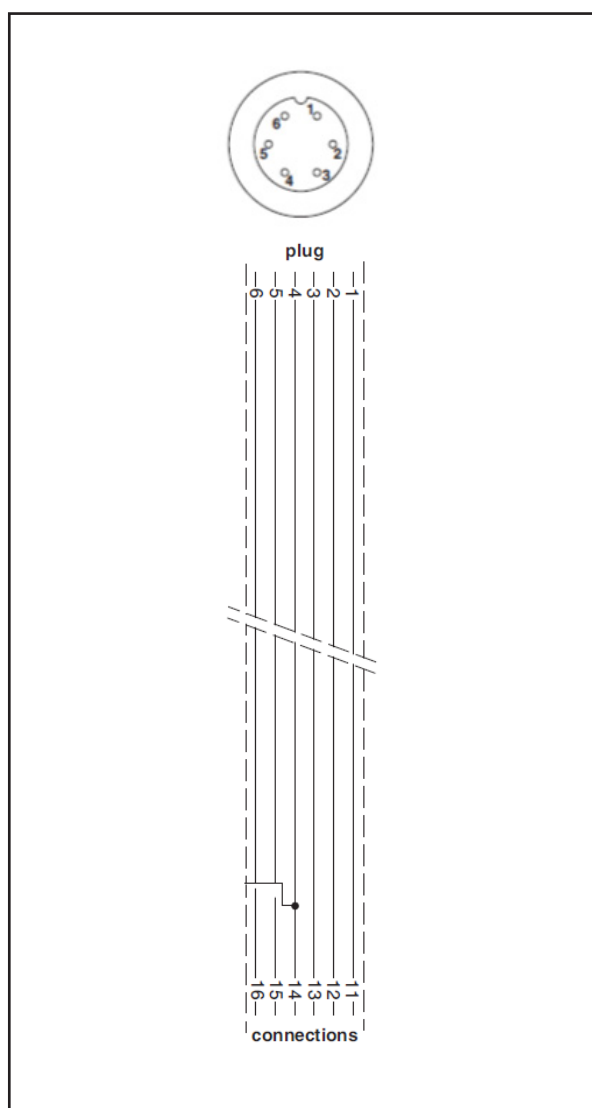


Figure 2: Internal Wiring

■ 3. Model and suffix codes

Table 1: Model and suffix codes for WU40

Model	Suffix Code	Description
WU40		Sensor cable
Cable length	-LH01	1 meter
	-LH02	2 meter
	-LH05	5.5 meter
	-LH10	10 meter
	-LH15	15 meter
	-LH20	20 meter
	-LH25	25 meter

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