

# MagneW 3000 PLUS

## Smart Electromagnetic Flowmeter

### Specially designed signal and excitation cables

#### Model MGA12W

### OVERVIEW

Model MGA12W signal cable and excitation cable are designed for Azbil Corporation's electromagnetic flowmeter MagneW, so that MagneW works with its best performance. MGA12W cable connects a detector and a converter.

Maximum cable length is determined by the process fluid conductivity. (See fig.1)

### SPECIFICATIONS

#### Signal cable

2-core individually-double-shielded cable (nominal cross section 0.75 mm<sup>2</sup>, OD 11.4 mm)

#### Excitation cable

2-core chloroprene-insulated cabtyre cable (nominal cross section 2 mm<sup>2</sup>, OD 11.4 mm)

#### Weight

##### Signal cable

Approx. 2 kg per 10 meters

##### Excitation cable

Approx. 1.5 kg per 10 meters

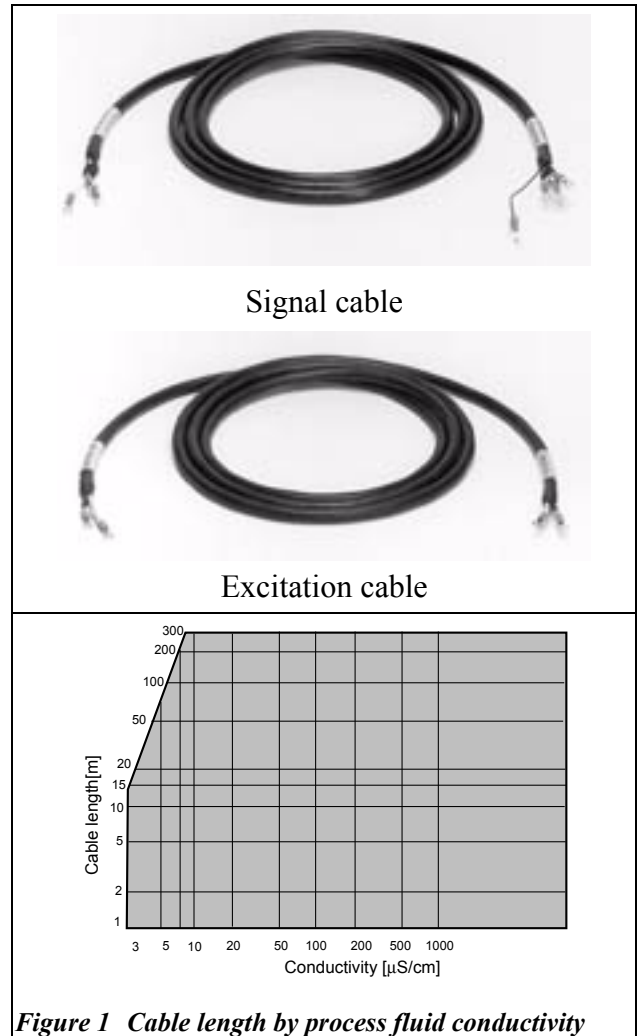


Figure 1 Cable length by process fluid conductivity

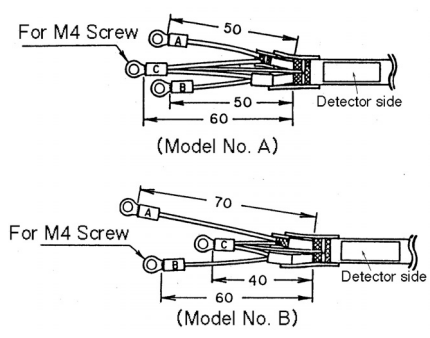
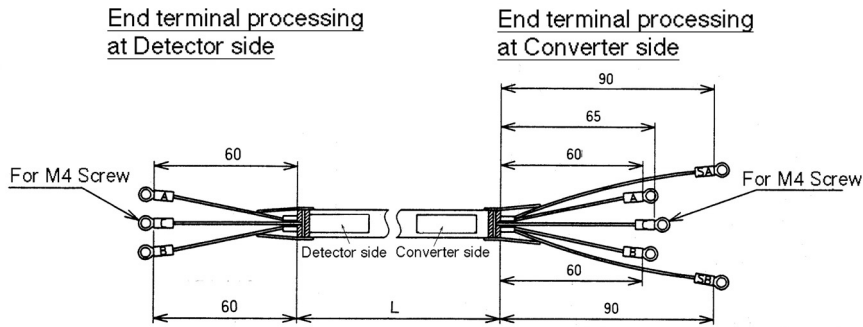
### MODEL SELECTION

Model no.	Selections			Description
	Cable length	End terminal processing		
		Detector side	Converter side	
MGA12W-A				Signal cable
MGA12W-B				Excitation cable
MGA12W-C				Signal cable and excitation cable
	□□□			3 digits. Unit: m
		X		Without terminals
		A		With terminals for MGG type detector (MG PLUS)
		B		With terminals for KID type
		C		With terminals for NNM type
			X	Without terminals
			A	With terminals for MGG / KIX / KIC type

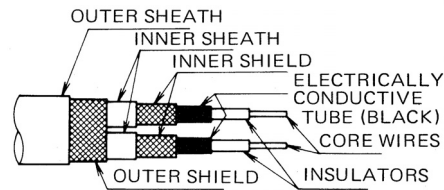
**DIMENSIONS**

**Signal cable**

(Unit : mm)

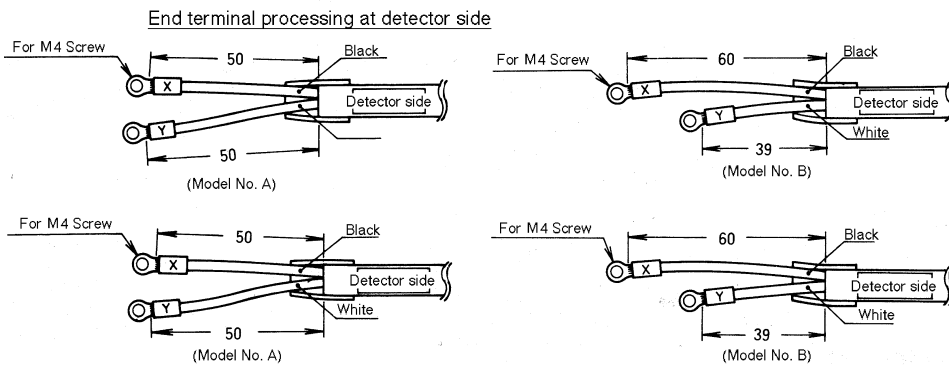
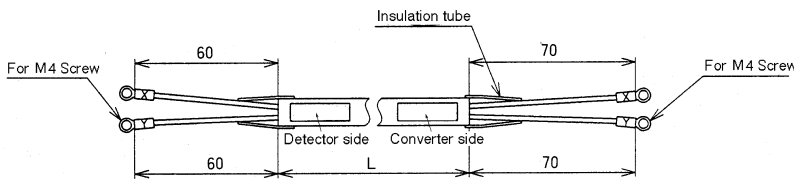


**Structure of signal cable**

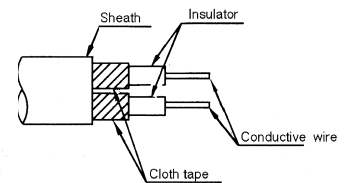


*Note) Remove the electrically conductive tubes (black) of cores for terminals A and B up to the ends of the inner shields.*

**Excitation cable**



**Structure of excitation cable**



Please, read 'Terms and Conditions' from following URL before the order and use.  
<http://www.azbil.com/products/bi/order.html>

Specifications are subject to change without notice.

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