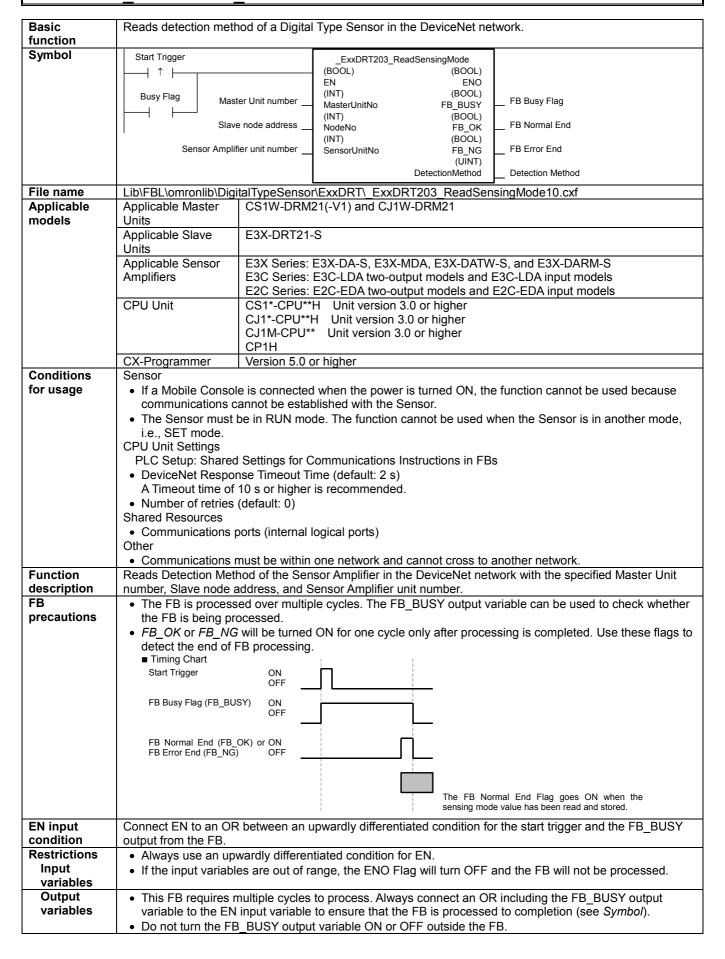
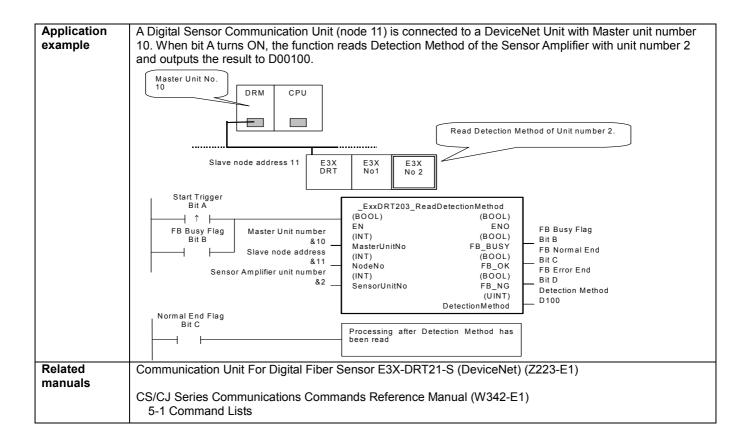
Read Detection Method Setting:

ExxDRT 203 ReadDetectionMethod





Variable Tables Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB started
					0 (OFF): FB not started.
Master Unit No.	MasterUnitNo	INT	&0	&0 to &15	Specify the unit number of the DeviceNet
				#0 to #F	Unit.
Slave node address	NodeNo	INT	&0	&0 to &63	Specify the node address of the slave.
Sensor Amplifier unit number	SensorUnitNo	INT	&1	&1 to &13 or &1 to &16	Depending on the communication mode setting, the maximum number of connectable Units is either 13 or 16 Units. Specify a unit number within the allowed range. Refer to the <i>Related Manuals</i> for details.

Output Variables

Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		1 (ON): FB processed normally.
(May be omitted.)				0 (OFF): FB not processed or ended in an error.
FB Busy Flag	FB_BUSY	BOOL		Automatically turns OFF when processing is completed.
FB Normal End	FB_OK	BOOL		Turns ON for one cycle when processing ends normally.
FB Error End	FB_NG	BOOL		Turns ON for one cycle when processing ends in an error.
Detection Method	Detection Method	UINT	&0 to &5	Outputs Detection Method. &0: Standard &1: High-precision &2: High-speed &3: Maximum Speed &5: Differential

Internal Variables

Internal variables are not output from the FB.

If the FB_NG Flag turns ON, the following internal variables can be monitored to obtain information on the error.

Name	Variable name	Data type	Range	Description
FINS error code	FINS_ErrorCode	WORD		The FINS error code is output. A code of #0000 is output for a normal end. Refer to the <i>Related Manuals</i> for details on the error codes.
Explicit message error code	Explicit_ErrorCode	WORD		Outputs the explicit message error code. A code of #0000 is output for a normal end. Refer to the <i>Related Manuals</i> for details on the error codes.

Explicit Error Code Details

Code	Contents	Meaning
#0000	Normal end	
#16FF	No Sensor Amplifier	There is no Sensor Amplifier with the specified unit number.
#0CFF	Not executable	The specified command cannot be executed.
		A Mobile Console is connected.
		There is an error in communications with the Sensor Amplifier.
		The Sensor Amplifier is in an operation mode other than RUN mode.
		The FB was executed for a Sensor Amplifier that is not supported.

Version History

Version	Date	Contents	
1.00	2005.4.	Original production	

Note

This manual is a reference that explains the function block functions.

It does not explain the operational limitations of Units, components, or combinations of Units and components. Always read and understand the Operation Manuals for the system's Units and other components before using them.