

AD-4329

OP-02

INSTRUCTION MANUAL

Weighing Indicator

AND

A&D Company, Limited



Contents

1.	Compliance.....	3
1.1.1.	Compliance with FCC Rules	3
1.1.2.	Compliance with European Directive.....	3
2.	Introduction.....	4
3.	Installation and Precautions	5
3.1.1.	Installation and Precautions.....	5
3.1.2.	The Load Cell Connections	5
3.1.3.	Adjustment of the Load Cell Output	6
3.1.4.	Verifying Load Cell Output and Input Sensitivity.....	6
3.1.5.	Installing the Option Board.....	7
4.	Description of Panels and symbols	8
4.1.1.	Front Panel Description	8
4.1.2.	Rear Panel Description.....	9
4.1.3.	Other Displays and Symbols	9
4.1.4.	Accessories and Option OP-02.....	10
5.	Calibration.....	11
5.1.1.	Items of Calibration Mode	11
5.2.	Calibration Procedure.....	12
5.2.1.	The Whole Procedure.....	12
5.2.2.	Preparation.....	13
5.2.3.	Entering the Calibration Mode	13
5.2.4.	Minimum Division (Weighing Interval).....	14
5.2.5.	Maximum Capacity.....	14
5.2.6.	Zero Calibration.....	15
5.2.7.	Span Calibration	16
5.2.8.	Exiting the Calibration Mode	17
5.3.	Weighing Range Function.....	18
5.3.1.	Setting Division and Range.....	19
5.4.	Digital Linearization Function	22
5.5.	Gravity Compensation Function	23
5.5.1.	The Gravity Acceleration Table	24
5.6.	Calibration Error Code List.....	25
6.	Functions.....	26
6.1.	Changing the Data of Functions.....	26
6.2.	F-Functions	27
6.3.	CF-Functions	32

7.	Tare.....	33
7.1.1.	Weighing Tare	33
7.1.2.	Digital Input	33
7.1.3.	Clearing Tare.....	33
8.	Accumulation.....	34
8.1.1.	Preparation and Specification	34
8.1.2.	Display and Operation	35
9.	Comparison	36
9.1.	Comparator Output Relay (OP-02)	36
9.2.	Upper/Lower Limit Comparison.....	36
9.2.1.	Selecting Upper/Lower Limit Comparison.....	37
9.2.2.	Condition formula for Comparison	37
9.2.3.	Setting Upper/Lower Limit Values.....	38
9.2.4.	Example	38
9.3.	Setpoint Comparison.....	39
9.3.1.	Selecting Setpoint Comparison	39
9.3.2.	Description of Input parameters and Outputs.....	39
9.3.3.	Setting the Parameters of Setpoint Comparison.....	40
10.	External Control Input.....	41
11.	Standard Serial Data Output (SER.OUT)	42
11.1.1.	Related Functions	42
11.1.2.	Data Format.....	43
12.	RS-232C Interface.....	44
12.1.1.	Data Format.....	45
12.1.2.	Command Format.....	46
12.1.3.	Command to Request Data	46
12.1.4.	Commands to Control the Indicator.....	47
12.1.5.	Commands to Set Parameters	47
12.1.6.	Related Functions	49
13.	Specifications.....	50
13.1.	Dimensions.....	51

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/AnD/AD-4329 instruction manual.html](https://the-checkout-tech.com/manuals/AnD/AD-4329%20instruction%20manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)