

IX.3.3B-SYSTEM-FCONVT SUBROUTINE FCONVT

Description

Subroutine FCONVT calculates the conversion factors used to convert data from metric units to English units.

See Chapter I.4-DATAUNIT [[Hyperlink](#)] for a list of the units codes.

Calling Sequence

CALL FCONVT (a,b,c,d,e,f)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
a	Input	R*4	1	Standard metric units
b	Input	R*4	1	Dimension of the units
c	Output	R*4	1	Standard English units
d	Output	R*4	1	Multiplication conversion factor <u>1</u> /
e	Output	R*4	1	Addition constant <u>1</u> /
f	Output	I*4	1	Error indicator: 0 = normal return 1 = error encountered

Notes:

1/ Data values can be converted using the following equation:

$$\text{English_units_value} = \text{metric_units_value} * d + e$$