

## IG Markets

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Ensign includes real-time Forex quotes from IG. The IG feed sends many currency pairs shown below in the table with the letter 'F'. The IG Markets quote page can show these pairs and their inverse relationships shown in the table with the letter 'f'. For example, the feed sends EUR/USD, but Ensign can also show the inverse USD/EUR symbol and price if the 'Show Inverse Pair' box is checked.

	AUD	CAD	CHF	EUR	GBP	JPY	NZD	USD
AUD	-	F	F	f	f	F	F	F
CAD	f	-	F	f	f	F	f	f
CHF	f	f	-	f	f	F	f	f
EUR	F	F	F	-	F	F	F	F
GBP	F	F	F	f	-	F	F	F
JPY	f	f	f	f	f	-	f	f
NZD	f	F	F	f	f	F	-	F
USD	f	F	F	f	f	F	f	-

The real-time feed from IG updates with every change in a Bid or Ask. Ensign is charting the Bid prices. Ensign's implementation also has a refresh capability for tick based charts, intra-day, daily, weekly and monthly charts. Tick refresh is available for the last 250,000 ticks on each symbol pair. Intra-day refresh is available for the last 4 months. Daily, weekly and monthly refresh is available for the last 15 years for most symbols.

Ensign's IG feed also has these index symbols. The symbols must be entered in Ensign using upper and lower case letters, exactly as shown on this list. Example: USOil is correct, while USOIL is wrong.

Symbol	Underlying
BITCOIN	Bitcoin
Bund	Euro-Bund
Copper	Copper
ETH/USD	Ethereum in US Dollars
GER30	DAX index of German listed shares
Palladium	Palladium
SPX500	S&P 500 Index
Spot Gold	Gold
UK100	FTSE 100 index of UK listed shares
UKOil	Crude Oil (Brent)
US30	Index of top 30 shares on Wall Street
USDOLLAR	US Dollar Index
USOil	Crude Oil (WTI)
XAU/USD	Gold

## Volume

**User:** It is quite unusual to see volume with Forex symbols and I've been looking back through the historical data and the volume information seems quite useful information from a technical analysis point of view. Is this the volume for all of IG trading for a particular symbol?

**Ensign:** The IG Forex symbols do not have any volume information. However, Ensign uses a volume of 1 for each price, so what you are seeing is really a tick count. That is useful, like real volume would be, to show periods of increased activity. The activity is that from the IG order desk and is independent of what might be happening to Forex trading at other clearing firms.