2.16.3 CONFIGURABLE GENCOMM PAGES

Configurable Gencomm Pages

Page 166
Page 167
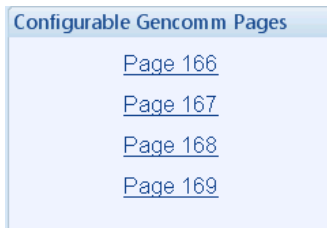Page 168
Page 169

For advanced MODBUS users of the controller, configurable Gencomm pages are available.
The intention is to allow the user to create personal collections of data in subsequent registers to minimise the number of MODBUS reads required by the master, and hence speed up data collection.

All configurable Gencomm registers are 32-bit unsigned format.

Gencomm Page 166

Register	Value	Register	Value	Register	Value	Register	Value
0-1	\<Not Used\>	64-65	\<Not Used\>	128-129	\<Not Used\>	192-193	\<Not Used\>
2-3	\<Not Used\>	66-67	\<Not Used\>	130-131	\<Not Used\>	194-195	\<Not Used\>
4-5	\<Not Used\>	68-69	\<Not Used\>	132-133	\<Not Used\>	196-197	\<Not Used\>
6-7	\<Not Used\>	70-71	\<Not Used\>	134-135	\<Not Used\>	198-199	\<Not Used\>
8-9	\<Not Used\>	72-73	\<Not Used\>	136-137	\<Not Used\>	200-201	\<Not Used\>
10-11	\<Not Used\>	74-75	\<Not Used\>	138-139	\<Not Used\>	202-203	\<Not Used\>
12-13	\<Not Used\>	76-77	\<Not Used\>	140-141	\<Not Used\>	204-205	\<Not Used\>
14-15	\<Not Used\>	78-79	\<Not Used\>	142-143	\<Not Used\>	206-207	\<Not Used\>
16-17	\<Not Used\>	80-81	\<Not Used\>	144-145	\<Not Used\>	208-209	\<Not Used\>
18-19	\<Not Used\>	82-83	\<Not Used\>	146-147	\<Not Used\>	210-211	\<Not Used\>
20-21	\<Not Used\>	84-85	\<Not Used\>	148-149	\<Not Used\>	212-213	\<Not Used\>
22-23	\<Not Used\>	86-87	\<Not Used\>	150-151	\<Not Used\>	214-215	\<Not Used\>
24-25	\<Not Used\>	88-89	\<Not Used\>	152-153	\<Not Used\>	216-217	\<Not Used\>
26-27	\<Not Used\>	90-91	\<Not Used\>	154-155	\<Not Used\>	218-219	\<Not Used\>
28-29	\<Not Used\>	92-93	\<Not Used\>	156-157	\<Not Used\>	220-221	\<Not Used\>
30-31	\<Not Used\>	94-95	\<Not Used\>	158-159	\<Not Used\>	222-223	\<Not Used\>
32-33	\<Not Used\>	96-97	\<Not Used\>	160-161	\<Not Used\>	224-225	\<Not Used\>
34-35	\<Not Used\>	98-99	\<Not Used\>	162-163	\<Not Used\>	226-227	\<Not Used\>
36-37	\<Not Used\>	100-101	\<Not Used\>	164-165	\<Not Used\>	228-229	\<Not Used\>
38-39	\<Not Used\>	102-103	\<Not Used\>	166-167	\<Not Used\>	230-231	\<Not Used\>
40-41	\<Not Used\>	104-105	\<Not Used\>	168-169	\<Not Used\>	232-233	\<Not Used\>
42-43	\<Not Used\>	106-107	\<Not Used\>	170-171	\<Not Used\>	234-235	\<Not Used\>
44-45	\<Not Used\>	108-109	\<Not Used\>	172-173	\<Not Used\>	236-237	\<Not Used\>
46-47	\<Not Used\>	110-111	\<Not Used\>	174-175	\<Not Used\>	238-239	\<Not Used\>

The configurable MODBUS pages are:

Page	Hex address	Decimal address
166	A600	42496
167	A700	42752
168	A800	43008
169	A900	43264

Example of Gencomm page configuration:
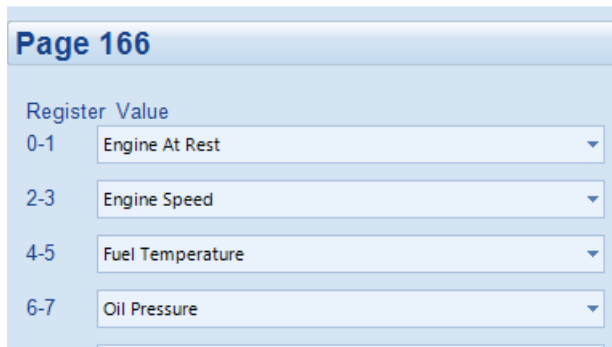
The register address is obtained from the formula: register_address=page_number*256+register_offset.
To read the *Engine Speed* from the above register, the MODBUS master device needs to read the data in two registers and then combine the data from the Most Signficant Bit and the Least Significant Bit.
MSB address in Decimal = (166 * 256) + 2 = 42498
LSB address in Decimal = (166 * 256) + 3 = 42499

項目需至現場設定，通訊界面值可先依照下方排列順序先行進行設定。設定方式請參考上方說明