PROFIdrive sampling time

Refer to [1020.7]

Signal sources for MELDW

<1>

Signal	Meaning	Interconnection parameters	[Function diagram] Internal status word	[Function diagram] signal source	Inverted <2>
MELDW.0	**1 = Ramp-up/ramp-down completed** **0 = Ramp-function generator active**	p2082[0] = r2199.5	[2537.7]	[8010]	-
MELDW.1	**1 = Torque utilization [%] < torque threshold value 2 (p2194)**	p2082[1] = r2199.11	[2537.7]	[8012]	-
MELDW.2	**1 = |n_act| < speed threshold value 3 (p2161)**	p2082[2] = r2199.0	[2537.7]	[8010]	-
MELDW.3	**1 = |n_act| speed threshold value 2 (p2155)**	p2082[3] = r2197.1	[2534.7]	[8010]	-
MELDW.4	**Reserved**	-	-	-	-
MELDW.5	**Reserved**	-	-	-	-
MELDW.6	**1 = No motor overtemperature alarm**	p2082[6] = r2135.14	[2548.7]	[8016]	✔
MELDW.7	**1 = No alarm, thermal overload, power unit**	p2082[7] = r2135.15	[2548.7]	[8014]	✔
MELDW.8	**1 = Speed setpoint - actual value deviation within tolerance t_on**	p2082[8] = r2199.4	[2537.7]	[8010]	-
MELDW.9	**Reserved**	-	-	-	-
MELDW.10	**Reserved**	-	-	-	-
MELDW.11	**1 = Controller enable**	p2082[11] = r0899.8	[2503.7]	[2610]	-
MELDW.12	**1 = Drive ready**	p2082[12] = r0899.7	[2503.7]	[2610]	-
MELDW.13	**1 = Pulses enabled**	p2082[13] = r0899.11	[2503.7]	[2610]	-
MELDW.14	**Reserved**	-	-	-	-
MELDW.15	**Reserved**	-	-	-	-

<1> Used in telegrams 102, 103, 105, 106, 110, 116.
<2> The status word is generated using the binector-connector converter p2088[2].